

**IN-PROCESS REFERENCE**

**FINAL INSPECTION RECORD (FIR)**

**FMTV A1 MODELS**

**U.S. ARMY TANK-AUTOMOTIVE COMMAND  
(TACOM)**

**Acceptance Tests and Area  
Inspection  
Requirements**

IN-PROCESS FINAL INSPECTION RECORD (FIR) FMTV A1 MODELS  
U.S. ARMY TANK-AUTOMOTIVE COMMAND (TACOM)  
ACCEPTANCE TESTS AND AREA INSPECTION REQUIREMENTS SHEETS

VEHICLE DATA

TRUCK, 2 1/2 TON, 4 X4 , LMTV AND 5 TON, 6 X 6, MTV, ALL A1 MODELS, SERIES:

FMTV PRODUCTION CONTRACT: DAAE07-98-C-M005

END ITEM SPECIFICATION: ATPD 2131A

REVISION LETTER, DATE, DESCRIPTION, AUTHORITY AND APPROVAL WILL BE RECORDED BELOW. THE LATEST REVISION DATE WILL BE RECORDED ON AFFECTED PAGE.

REVISION CONTROL

REVISION	DATE	CHANGE DESCRIPTION	AUTHORITY	APPROVED
A	03 Oct. '02	Changed Item 711, to include function check of passenger seat.		
		Added Item 715, PY-5, Upholstery for Headliner Cab.		

## GENERAL INSPECTION REQUIREMENTS

THE FOLLOWING CHARACTERISTICS ARE COMMON TO MOST ITEMS AND ARE CONSIDERED AS PART OF EACH ITEM, WHERE APPLICABLE. THEY ARE DEFINED IN GENERAL TERMS IN THIS SECTION TO ELIMINATE THEIR REPETITION. HOWEVER, THEY MUST BE REVIEWED VISUALLY IN EACH ITEM AND REPORTED IF FOUND DISCREPANT.

- A. **CONDITION:** NO PART SHALL EXHIBIT ANY EVIDENCE OF DAMAGE, MUTILATION, OR POOR WORKMANSHIP OF CONSTRUCTION. THERE SHALL BE NO CHAFFING, BURRS OR SHARP EDGES WHERE LINES, HOSES OR CABLES CAN MAKE CONTACT OR FROM WHICH INJURIES CAN BE SUSTAINED.
- B. **COMPLETENESS OF ASSEMBLY AND SECURED:** ALL ATTACHMENT HARDWARE MUST BE COMPLETE AND SECURED. ANY EVIDENCE OF PARTS BEING INCOMPLETE AND IMPROPERLY SECURED WILL BE CAUSE FOR REJECTION.
- C. **ROUTING, CLIPPING AND CLEARANCES:** ALL WIRING HARNESSSES, FUEL, HYDRAULIC AND AIR LINES MUST BE PROPERLY ROUTED AND CLIPPED PER THEIR RESPECTIVE INSTALLATION DRAWINGS. NO CHAFFING IS PERMITTED.
- D. **ELECTRICAL SYSTEM:** THE VEHICLES WIRING AND ELECTRICAL COMPONENTS SHALL BE INSPECTED FOR SECURE MOUNTING, PROPER ROUTING, CONDUIT CONDITION (BREAKS, CUTS, CRACKS, KINKS) AND CONNECTOR CONDITION.
- E. **LUBRICANTS:** ENGINE OIL, TRANSMISSION OIL, GEAR BOXES, HOUSINGS AND CARRIERS MUST BE FILLED TO PROPER LEVEL. ALL LUBRICATION FITTINGS MUST BE GREASED.

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	AREA NO. 1 FRONT OF VEHICLE	IN-PROCESS REFERENCE FINAL INSPECTION RECORD [F.I.R] - FMTV A1 MODELS					
ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC	REJ	N/A	RECH K	GOVT QAR
101	CAB FRONT <i>Standard Dressed Cab 12422014</i> <i>Air Drop Dressed Cab 12422015</i> REF. 4.7.68 A. UPPER CLEARANCE LIGHTS (5) MOUNTED SECURELY	VISUAL					
	B. LENS - NO CRACKS	VISUAL					
102	WINDSHIELD ASSEMBLY <i>INSTALLATION DWG. 12378702</i> Ref. 4.7.58 A. GLASS CONDITION - NO CRACKS, SCRATCHES OR DISTORTED SPOTS IN GLASS	VISUAL					
	B. RUBBER SEAL CONDITION - NO TEARS, SPLITS, HOLES	VISUAL					
	WINDSHIELD WASHER (Inst. Dwg 12378640) HOSES CONDITION - NO TEARS, KINKS, SPLITS, HOLES	VISUAL					
103	WINDSHIELD ASSEMBLY (Airdrop Only) <i>INSTALLATION DWG. 12378703</i> Ref. 4.7.58 A. HINGE ASSEMBLY (3) COMPLETE, SECURED	VISUAL					
	B. WINDSHIELD BUMPER LATCHES SECURED.	VISUAL					
104	LOWER CLEARANCE LIGHTS (2) <i>Installation Dwg. 12417879</i> Ref. 4.7.68 A. MOUNTED SECURELY	VISUAL					
	B. LENS - NO CRACKS	VISUAL					

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ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
105	CAB GRILL (BEHIND) <i>Ref. Cable Inst. Dwg. 12422202</i>	VISUAL					
	A. ELECTRICAL HARNESSSES CONDITION - NO CRACKS, NO CHAFING, PROPERLY ROUTED, SECURED						
	B. ELECTRICAL BULKHEAD CONNECTORS PROPERLY SECURED						
	C. AIR LINES, BULKHEAD CONNECTORS PROPERLY SECURED, PROPERLY ROUTED - NO CHAFING	VISUAL					
	<u>FRONT CAB SUPPORT ASSEMBLY</u> <i>Installation Dwg. 12418180</i>						
	D. FRONT CAB MOUNT SECURED						
	E. CAB PIVOT - RIGHT AND LEFT	VISUAL					
	F. CAB STOP - SECURED						
	G. HORN [ <i>Inst. Dwg. 12417879</i> ] - SECURED						
	H. GLAD HAND, SERVICE AND EMERGENCY. Ref. 4.7.10.4  GLAD HANDS OPERATION - MUST OPEN AND CLOSE FREELY	FUNCTIONAL					
	DUST COVERS ATTACHED WITH CHAIN						
106	FRONT BUMPER <i>Assembly Dwg. 12417942</i> <i>INST DWG. 12378447</i> Air Drop 12420364 Ref. 4.7.59	VISUAL					
	A. MOUNTING - COMPLETE AND SECURED						
	B. ROCK GUARD - COMPLETE AND SECURED	VISUAL					
	C. REFLECTORS - LENS CONDITION, NO CRACKS						

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ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
107	LIGHTS <i>INSTALLATION DWG. 12378386</i> Ref. 4.7.68 A. HEADLIGHTS - RIGHT AND LEFT	VISUAL					
	B. TURN SIGNAL- RIGHT AND LEFT	VISUAL					
	C. BLACKOUT MARKERS	VISUAL					
	D. BLACKOUT DRIVE LAMP	VISUAL					
	E. LENS CONDITION - NO CRACKS	VISUAL					
	F. ELECTRICAL WIRING HARNESS - SECURED	VISUAL					
108	WINCH ROLLERS (4) A. COMPLETE - SECURED	VISUAL					
	B. OPERATION - MUST MOVE FREELY - NO BINDING	FUNCTIONAL					
	C. GREASE ZERKS - LUBRICATED	VISUAL					
	D. RETAINING PIN AND CHAIN	VISUAL					
109	TOWING LIGHT RECEPTACLE <i>Installation Dwg. 12378728</i> Ref. 4.7.72 A. MOUNTING SECURED	VISUAL					
	B. DUST COVER AND SPRING OPERATION - MUST OPEN AND CLOSE FREELY	FUNCTIONAL					
	C. 7 & 12 PIN CONNECTORS FUNCTIONAL	ELECTRICAL TESTER					

	<b>AREA NO. 2 ROAD SIDE OF VEHICLE</b>	IN-PROCESS REFERENCE FINAL INSPECTION RECORD [FIR] FMTV A1 MODELS					
ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC	REJ	N/A	RECH K	GOVT QAR
201	TIRES AND WHEELS (FRONT) <i>INSTALLATION DWG. 12419121, Ref. 4.7.54</i>						
	A. INFLATION VALVE AND CAP - SECURED	VISUAL					
	B. C.T.I.S. SYSTEM CONNECTED	VISUAL					
	C. KNEELING VALVE FULLY CLOSED (CLOCKWISE POSITION)	VISUAL					
202	CAB EXTERIOR <i>GLAZING INST DWG. 12378702.</i> <i>DOOR FITTINGS INST. 12378606</i> <i>DOOR LOCK INST. 12378607</i>	VISUAL					
	A. WINDOWS (3) CONDITION - NO CRACKS OR SCRATCHES						
	B. WINDOW SEALS (3) CONDITION - NO CRACKS	VISUAL					
	C. DRIVER'S DOOR, MOUNTING - UNIFORM FIT TO CAB - COMPLETE AND SECURED	VISUAL					
	DOOR HANDLE OPERATION - OPEN AND SHUT - NO BINDING OR INTERFERENCE	FUNCTIONAL					
	DOOR CHECKS INSTALLED	VISUAL					
	CLEARANCE LIGHTS - LENS CONDITION	VISUAL					
203	CAB EXTERIOR (AIRDROP ONLY) <i>GLAZING INSTALLATION 12378703,</i> <i>DOOR LOCK INSTALLATION 12378607</i>	VISUAL					
	A. HINGES (5) - COMPLETE AND SECURED						
	B. WINDOWS ( <i>INST DWG. 12378703</i> ) (3) CONDITION - NO CRACKS OR SCRATCHES	VISUAL					



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ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
204	CAB STEP ASSEMBLY/WINDSHIELD WASHER RESERVOIR <i>Assembly Drawing 12417812</i> <i>INSTALLATION DRAWING 12378605</i> <i>Washer Installation 12378640</i>	FUNCTIONAL					
	A. LATCH SCREW & HINGES MUST OPERATE FREELY - NO BINDING						
	B. RUBBER EDGE SEAL - NO CUTS, TEARS	VISUAL					
	C. GROMMET (HOSE/CABLE THRU. CAB - INSTALLED	VISUAL					
	D. RETAINING STRAPS	VISUAL					
	E. RESERVOIR	VISUAL					
	F. WASHER HOSES - CONDITION - NO TEARS, HOLES	VISUAL					
	G. CAP AND WASHER	VISUAL					
	H. HANGING STEP, CABLE STOPS - SECURED	VISUAL					
205	FENDER, FRONT <i>INSTALLATION DWG. 12378490</i>	VISUAL					
	A. MOUNTING - SECURED B. CONDITION - NO TEARS	VISUAL					
206	FRONT SUSPENSION <i>INSTALLATION DWG. 12421993</i> Ref. 4.7.53	VISUAL					
	A. LEAF SPRINGS - CONDITION B. SHOCK ABSORBERS - <i>Installation Dwg. 12378429</i> CONDITION - MOUNTING RUBBER BUMP STOPS	VISUAL					

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ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
207	REAR CAB SUPPORT [AIR TRANSPORTABILITY] <i>INSTALLATION DRAWING 12420799</i>	VISUAL					
	A. REAR CAB LATCH MECHANISM MOUNTING - COMPLETE AND SECURE						
	B. KNEELING CHAIN ASSEMBLY-RING, LANYARD - SECURED.	VISUAL					
208	C. HYDRAULIC/AIR CYLINDER MOUNTING - SECURED	VISUAL					
	CAB - REAR (AIRDROP ONLY) <i>Reference Drawing 12414944</i>	VISUAL					
	A. PANEL MOUNTING - UNIFORM FIT, NO GAPS, SECURED						
209	B. LATCHING MECHANISMS (7) SECURED, MUST OPERATE FREELY, NO BINDING	VISUAL & FUNCTIONAL					
	AIR CLEANER CANISTER ASSEMBLY <i>INSTALLATION DRAWING 12421812, INSTALLATION DWG. Air Drop 12422220</i> Ref. 4.7.42	VISUAL					
	A. INTAKE HOOD AND SCREEN - NO DENTS, NO SCREEN TEARS CLAMP RING ASSEMBLY SECURED	VISUAL					
	B. EXTRACTOR HOSE ELBOW AND CONNECTING HOSE/CLAMP - SECURED	VISUAL					
	C. EXTRACTOR HOSE - NO KINKS OR TEARS, PROPERLY ROUTED	VISUAL					
	D. CANISTER LID, SPRING CLAMPS - OPERATION, LATCHING CAPABILITY	VISUAL FUNCTIONAL					

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ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
210	RADIATOR COOLANT SURGE TANK <i>Assembly Drawing 12421190</i> INSTALLATION DRAWING 12421810 Ref. 4.7.40	VISUAL					
	A. CAP, SEAL INSTALLATION - CONDITION	TACTILE & VISUAL					
	B. MOUNTING BRACKETS, ATTACHING HARDWARE - SECURE	VISUAL					
211	C. INDICATOR SIGHT GLASS (2) - NO CRACKS.						
	OIL FILLER TUBES						
	A. TRANSMISSION CAP, GASKET AND CHAIN	VISUAL					
212	B. ENGINE CAP, GASKET AND CHAIN	VISUAL					
	HELI LIFT <i>INSTALLATION DRAWING 12378424</i>	FUNCTIONAL					
	A. EXTENSION ARM OPERATION - MUST MOVE FREELY - NO BINDING						
213	B. LATCH PIN AND LANYARD	VISUAL					
	C. STOP CHAIN	VISUAL					
	HYDRAULIC OIL RESERVOIR Installation Drawing 12378421	VISUAL					
	A. CAP, GASKET AND CHAIN						
	B. SCREEN - CONDITION	VISUAL					
	C. SIGHT GAGE - LENS - NO CRACKS	VISUAL					
	D. HYDRAULIC HOSE - CONDITION	VISUAL					
	E. HYDRAULIC OIL FILTER - MOUNTING - SECURED	VISUAL					

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ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
214	F. MOUNT STRAP AND MOUNT SUPPORT - SECURE	VISUAL					
	G. HYDRAULIC TANK ROCK GUARD AND - ATTACHMENT HARDWARE - SECURED	VISUAL					
	H. OIL SAMPLING VALVE [Ref.4.7.28]	FUNCTIONAL					
	BATTERY BOX <i>Assembly Dwg. 12420853, 12420854.</i> <i>INSTALLATION DRAWING 12420080</i> Ref. 4.7.70	VISUAL					
	A. MOUNT SECURED TO FRAME						
	B. LID, LATCHES - EASE OF OPERATION	VISUAL & FUNCTIONAL					
	C. BATTERIES PROPERLY SECURED -	VISUAL					
	BATTERY TERMINALS PROPERLY SECURED	VISUAL					
	D. CABLES THRU BOX - NO CHAFING.	VISUAL					
215	SLAVE CABLE RECEPTACLE ASSEMBLY <i>INSTALLATION DRAWING 12420853</i>	FUNCTIONAL					
	A. SLAVE CABLE RECEPTACLE -	VISUAL					
	B. MOUNTING - DUST COVER RETAINING STRING	VISUAL					
216	AIR DRYER <i>Installation Dwg. LMTV 12422019</i> <i>Standard MTV 12422010.</i> <i>MTV LWB, 12422021,</i> <i>Wrecker &amp; Tractor 12422023</i>	VISUAL					
	A. PRESSURE RELIEF VALVE B. ELECTRICAL WIRING AND CONNECTIONS - CONDITION, PROPERLY ROUTED, NO CHAFING.	VISUAL					

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ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
217	EXHAUST PIPE <i>INSTALLATION DRAWING 12421914</i> <i>(Air Drop 12422219)</i> REF. 4.7.48 A. EXTRACTOR HOSE - NO KINKS	VISUAL					
	B. CONNECTOR CLAMP - SECURED	VISUAL					
218	INTERMEDIATE (MTV) AND REAR TIRES - WHEEL ASSEMBLIES <i>INSTALLATION DRAWING 12419121</i> REF. 4.7.54 A. INFLATION VALVE AND CAP - SECURED	VISUAL					
	B. C.T.I.S. SYSTEM CONNECTED	VISUAL					
219	SHOCK ABSORBERS, INTERMEDIATE (MTV) AND REAR <i>MTV INSTALLATION DWG 12378711</i> <i>LMTV INSTALLATION DWG 12378430</i> Ref. 4.7.56 A. BRACKET MOUNTS UPPER AND LOWER, SECURED	VISUAL					
	B. RUBBER GROMMET PRESENT	VISUAL					
220	REAR SUSPENSION <i>LMTV Inst. Dwg. 12421999</i> <i>INST DWGS 12421994, 12421995, 12421996, 12421997, 12421998</i> Ref. 4.7.53 A. LEAF SPRINGS, CONDITION	VISUAL					
	B. U- BOLTS, MOUNTING	VISUAL					
	C. AXLE STOPS RUBBER MOUNTS, ATTACHMENT HARDWARE COMPLETE AND SECURE	VISUAL					
	D. HOLLOW SPRINGS, MTV (2)	VISUAL					

IN-PROCESS REFERENCE FINAL INSPECTION RECORD, FMTV A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
221	AIR BRAKE CHAMBERS LMTV INSTALLATION DWG. 12418494 MTV Installation Dwgs. 12418495, 12417496, 12417497 A. AIR HOSES, FITTINGS - SECURED	VISUAL					
	B. PROPER ROUTING, BRAKE LINES SECURED, NO CHAFING	VISUAL					
222	AXLE CONTROL ARMS (MTV) Installation Dwg. 12418038, 12418043, 12418048, 12418049, and 12418316 A. MOUNTING, RUBBER BOOT - CONDITION	VISUAL					

	<b>AREA NO. 3 REAR OF VEHICLE</b>	IN-PROCESS REFERENCE FINAL INSPECTION RECORD [FIR] - FMTV A1 MODELS					
ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC	REJ	N/A	RECH K	GOVT QAR
301	REAR COMPOSITE LIGHT ASSEMBLIES  <i>M1078, M1079, M1080, M1083, M1085, M1090, M1092, M1096, CARRIER INSTALLATION DWG. 12378439 &amp; Light Inst. 12378494.</i>  <i>M1081&amp; M1093 CARRIER INST. DWG. 12420418, LIGHT INST. 12378494.</i>  <i>M1084 CARRIER INST. 12420458, LIGHT INST. 12421288</i>  <i>M1088 LIGHT INSTALLATION. 12421287</i> <i>M1089 LIGHT INSTALLATION 12421289</i> (Ref. 4.7.68)	VISUAL					
	A. TAILLIGHTS - RIGHT AND LEFT						
	B. BLACKOUT MARKER	VISUAL					
	C. CLEARANCE LIGHTS, RIGHT & LEFT	VISUAL					
	D. BLACKOUT BRAKE	VISUAL					
	E. BACKUP LIGHT	VISUAL					
	F. LENS CONDITION - NO CRACKS	VISUAL					
	G. LIGHT BRACKETS, MOUNTING HARDWARE	VISUAL					
	H. ELECTRICAL WIRING HARNESS PROPERLY ROUTED, NO CHAFING	VISUAL					
	I. REFLECTORS, NO CRACKS	VISUAL					
302	IDENTIFICATION LIGHTS (3) Installation Drawings. 12378494, 12378496 & 12378497. Ref. 4.7.68  A. MOUNTINGS - LENS CONDITION, NO CRACKS.	VISUAL					

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ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
303	TRAILER LIGHT RECEPTACLE (ELECTRICAL) -7 PIN (1) - 12 PIN (1) REF. 4.7.72  COVER AND SPRING OPERATION - MUST OPEN AND CLOSE FREELY  7 & 12 PIN CONNECTORS FUNCTIONAL	FUNCTIONAL					
		ELECTRICAL TESTER					
304	AIRBRAKE HOSE COUPLING LMTV Installation Dwg. 12418494, MTV 12418495, 12418486, 12418487 Ref. 4.7.10.4  A. GLAD HANDS OPERATION - MUST OPEN AND CLOSE FREELY  B. DUST COVERS ATTACHED WITH CHAIN	FUNCTIONAL					
		VISUAL					
305	PINTLE HOOK ASSEMBLY <i>INSTALLATION DRAWING 12418313</i> Ref. 4.7.59  A. RETAINER CHAIN AND COTTER PIN- COMPLETE AND SECURED  B. SWIVEL OPERATION - MUST ROTATE 360 DEGREES  C. CATCH OPERATION - MUST OPEN AND CLOSE FREELY  D. GREASE ZERK - LUBRICATED	VISUAL					
		FUNCTIONAL					
		FUNCTIONAL					
		VISUAL					
306	REAR WINCH ROLLERS (4)  A. COMPLETE - SECURE  B. OPERATION - MUST ROTATE FREELY, NO BINDING  C. GREASE ZERKS - LUBRICATED  D. RETAINING PIN AND CHAIN	VISUAL					
		FUNCTIONAL					
		VISUAL					
		VISUAL					



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ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
307	STABILIZER BAR ASSEMBLY <i>LMTV INSTALLATION DWG. 12418286</i> <i>MTV INSTALLATION DWG. 12418285</i>	VISUAL					
	A. HANGER BRACKETS						
	B. BAR INSTALLATION	VISUAL					
	C. ATTACHMENT HARDWARE	VISUAL					
308	D. RUBBER SHOCK BLOCKS CONDITION, MOUNTING	VISUAL					
	UNDERRIDE GUARD <i>LMTV INSTALLATION DWG. 12414516</i> <i>MTV Inst. Dwgs. 12414519, 12414522,</i> <i>12414525, 12414527, 12414528,</i> <i>12414531 &amp; 12414540,</i>	VISUAL					
	A SECURED						
	B ATTACHMENT HARDWARE - COMPLETE AND SECURED.	VISUAL					

	<b>AREA NO. 4 CURB SIDE OF VEHICLE</b>	IN-PROCESS REFERENCE FINAL INSPECTION RECORD [FIR] - FMTV A1 MODELS					
ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC	REJ	N/A	RECK K	GOVT QAR
401	INTERMEDIATE (MTV) AND REAR TIRES - WHEEL ASSEMBLIES <i>INSTALLATION DRAWING 12419121</i> Ref. 4.7.54	VISUAL					
	A. INFLATION VALVE AND CAP - SECURED						
	B. C.T.I.S. SYSTEM CONNECTED	VISUAL					
402	SHOCK ABSORBERS, INTERMEDIATE (MTV) AND REAR  <i>LMTV INSTALLATION DWG 12378430</i> <i>MTV INSTALLATION DWG 12378711</i> Ref. 4.7.56	VISUAL					
	BRACKET MOUNTS UPPER AND LOWER, SECURED						
	RUBBER GROMMETS INSTALLED	VISUAL					
403	REAR SUSPENSION  LMTV Assembly Dwg 12421817  <i>LMTV INSTALLATION DWG. 12421999</i> <i>MTV INST. DWGS 12421994 thru 12421998</i> <i>incl</i> Ref. 4.7.53	VISUAL					
	A. LEAF SPRINGS, CONDITION						
	B. U- BOLTS, MOUNTING	VISUAL					
	C. AXLE STOPS, RUBBER MOUNTS, ATTACHMENT HARDWARE - SECURED	VISUAL					
	D. HOLLOW SPRINGS, MTV (2)	VISUAL					
404	AIR BRAKE CHAMBERS	VISUAL					
	A. AIR HOSES, FITTINGS, CONDITION						
	B. BRAKE LINES - SECURED, NO CHAFING	VISUAL					
405	REAR WINCH CABLE GUIDE						
	A. ROLLER MUST ROTATE FREELY	VISUAL					
	B. MOUNTING - SECURED	VISUAL					

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ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
406	SELF RECOVERY WINCH ASSEMBLY Installation Dwg. LMTV 12378571, MTV 12378572 Ref. 4.7.80	VISUAL & FUNCTIONAL					
	A. ROLLER ASSEMBLIES FRONT AND REAR MUST ROTATE FREELY, NO BINDING						
	B. CONTROL LEVER - EASE OF OPERATION	FUNCTIONAL					
407	FUEL TANK ASSEMBLY <i>INSTALLATION DRAWING 12422016.</i> REF.4.7.45	VISUAL					
	A. CAP, GASKET AND CHAIN INSTALLED						
	B. FUEL LINES AND FITTINGS - NO CHAFING	VISUAL					
	C. SENDING UNIT - SECURED	VISUAL					
	D. ELECTRICAL LINES AND CONNECTIONS PROPERLY ROUTED, NO CHAFING, GROMMETS INSTALLED	VISUAL					
	E. RETAINING STRAPS WITH RUBBER INSULATION INSTALLED	VISUAL					
	F. ROCK GUARD - SECURED	VISUAL					
408	SPARE TIRE CARRIER <i>INSTALLATION DRAWING 12420789</i> <i>INSTALLATION DWG Air Drop-12420790</i>	VISUAL					
	A. FRAME ASSEMBLY - SECURED						
	B. HYDRAULIC LIFT PUMP PROPERLY MOUNTED	VISUAL					
409	ENGINE COLD START KIT <i>Installation Drawing. 12422021</i>	VISUAL					
	A. MOUNTING BRACKET						
	B. CYLINDER AND VALVE	VISUAL					
	C. ELECTRICAL WIRING PROPERLY SECURED AND ROUTED	VISUAL					
	D. NYLON TUBING	VISUAL					

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ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
410	TOOL BOX <i>REF. DRAWING 12420629, 12420802</i>	FUNCTIONAL					
	A. PIVOT LATCH - EASE OF OPERATION						
	B. DOOR - PROPERLY MOUNTED - NO BINDING	FUNCTIONAL					
411	HELI LIFT <i>INSTALLATION DRAWING 12378424</i>	FUNCTIONAL					
	A. EXTENSION ARM OPERATION - MUST MOVE FREELY - NO BINDING						
	B. LATCH PIN AND LANYARD	VISUAL					
	C. STOP CHAIN	VISUAL					
412	FRONT WINCH CABLE GUIDE						
	A. ROLLER MUST ROTATE FREELY	FUNCTIONAL					
	B. MOUNTING - SECURE	VISUAL					
413	REAR CAB SUPPORT [AIR TRANSPORTABILITY] <i>INSTALLATION DRAWING 12420799</i>	VISUAL					
	A. REAR CAB LATCH MECHANISM MOUNTING - COMPLETE, SECURE						
	B. KNEELING CHAIN ASSEMBLY, RING, LANYARD - SECURED.	VISUAL					
	C. AIR/HYDRAULIC CYLINDER MOUNTING - SECURED [Inst. Dwg 12422046]	VISUAL					
	D. CAB HEIGHT CONTROL VALVE AND LINKAGE - SECURED.	VISUAL					
	E. MANIFOLD [CONTROL BOX] MOUNTING COMPLETE AND SECURE	VISUAL					
	F. PLATE [OPERATING INSTRUCTIONS] - DECALS LEGIBLE	VISUAL					
	G. BOX COVER - OPEN AND CLOSE FREELY, NO BINDING.	FUNCTIONAL					
	H. AIR/HYDRAULIC HOSES AND FITTINGS - SECURED, NO CHAFING, NO LEAKS	VISUAL					

## IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) FMTV, A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
414	TIRE AND WHEEL <i>INSTALLATION DWG. 12419121 Ref. 4.7.54</i>	VISUAL					
	A. INFLATION VALVE AND CAP - SECURED						
	B. C.T.I.S. SYSTEM CONNECTED	VISUAL					
	C. KNEELING VALVE FULLY CLOSED (CLOCKWISE POSITION)	VISUAL					
415	CAB TILT <i>INSTALLATION DWG. 12420777</i>	VISUAL					
	A. HYDRAULIC PUMP PROPERLY MOUNTED						
	B. CAB LATCH MOUNTING - COMPLETE AND SECURE	VISUAL					
416	AIR BRAKE CHAMBERS LMTV INSTALLATION DWG. 12418494 MTV Installation Dwgs. 12418495, 12418496, 12418497	VISUAL					
	A. AIR HOSES FITTINGS - CONDITION						
	B. PROPER ROUTING, BRAKE LINE TIES SECURED, NO CHAFING	VISUAL					
417	FRONT SUSPENSION <i>INSTALLATION DRAWING 12421993 Ref. 4.7.53</i>	VISUAL					
	A. LEAF SPRINGS - CONDITION						
	B. SHOCK ABSORBERS, <i>Installation Dwg. 12378429</i> CONDITION - MOUNTING RUBBER BUMP STOPS	VISUAL					
418	KING PIN GREASE ZERKS - LUBRICATED	VISUAL					
419	CAB EXTERIOR <i>GLAZING INST DWG. 12378702</i> <i>DOOR FITTINGS INST. 12378606</i> <i>DOOR LOCK INST. 12378607</i>	VISUAL					
	A. WINDOWS (3) CONDITION - NO CRACKS OR SCRATCHES						
	B. WINDOW SEALS (3) CONDITION - NO CRACKS	VISUAL					

## IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) FMTV, A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
420	C. CO-DRIVER'S DOOR MOUNTING - UNIFORM FIT TO CAB WEATHER SEAL - COMPLETE AND SECURED	VISUAL					
	DOOR HANDLE OPERATION - OPEN AND SHUT - NO BINDING OR INTERFERENCE	FUNCTIONAL					
	DOOR CHECKS INSTALLED	VISUAL					
	CLEARANCE LIGHTS - LENS CONDITION, NO CRACKS	VISUAL					
421	CAB EXTERIOR (AIRDROP ONLY) <i>REF. DRAWING 12414944</i>	VISUAL					
	A. HINGES (5) - COMPLETE, SECURED, NO BINDING.						
	B. WINDOWS (3) ( <i>INST DWG. 12378703</i> ) CONDITION - NO CRACKS OR SCRATCHES	VISUAL					
	CAB STEP ASSEMBLY <i>INSTALLATION DRAWING 12378605</i>	VISUAL					
422	A. LATCH SCREW AND HINGES MUST OPERATE FREELY - NO BINDING	FUNCTIONAL					
	B. RUBBER EDGE SEAL CONDITION - NO TEARS, CUTS	VISUAL					
	C. HANGING STEP, CABLE STOPS - SECURED	VISUAL					
	FENDER, FRONT <i>INSTALLATION DRWING 12378490</i>	VISUAL					
423	A. MOUNTING - SECURED						
	B. CONDITION - NO TEARS	VISUAL					
423	ENGINE AND TRANSMISSION OIL SAMPLING VALVES Ref 4.7.28	VISUAL & FUNCTIONAL					
	A. MOUNTING - SECURED, CHECK OPERATION.						

	<b>AREA NO. 5 ENGINE COMPARTMENT</b>	IN-PROCESS REFERENCE FINAL INSPECTION RECORD [FIR] - FMTV A1 MODELS					
ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC	REJ	N/A	RECH K	GOVT QAR
501	POWER PLANT ASSEMBLY <i>Dressed Engine Dwg. 12421795</i> <i>Transmission Dwg. No. 12378396</i> <i>POWER PACK INSTALLATION DWG</i> <i>12421986</i> Ref. 4.7.38 A. ENGINE/TRANSMISSION MOUNTS - SECURED	VISUAL					
	B. SHOCK MOUNTS - SECURE, NO SPLITS, CRACKS	VISUAL					
	502 RADIATOR ASSEMBLY INSTALLATION DWG. 12421810 A. MOUNT SECURED	VISUAL					
502	B. HOSES AND CLAMPS - COMPLETE AND SECURED	VISUAL					
	HOSES - PROPERLY ROUTED CONDITION - NO CRACKS, SPLITS, KINKS	VISUAL					
	C. FAN SHROUD, MOUNTING - COMPLETE AND SECURED	VISUAL					
	D. CONNECTORS - SECURELY ATTACHED	VISUAL					
503	TRANSMISSION OIL COOLER <i>Assembly Drawing 12422174</i> <i>INSTALLATION DWG. 12421923</i> A. TRANSMISSION OIL COOLER BODY MOUNTING - COMPLETE, SECURED	VISUAL					
	B. HOSES CONNECTIONS & CLAMPS - COMPLETE AND SECURED	VISUAL					
	CONDITION OF HOSES - NO CRACKS, SPLITS	VISUAL					
	504 TURBOCHARGER MOUNTING - SECURED	VISUAL					
	PIPE CONNECTIONS AND CLAMPS - SECURED	VISUAL					

## IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) FMTV, A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
505	ALTERNATOR Installation Dwg. 12378581 (57K1912 - 200 AMP). Ref. 4.7.66 AND O.4.3 MOUNTING - SECURE, CONNECTORS - SECURELY ATTACHED	VISUAL					
	A. ELECTRICAL WIRING GENERAL ALL CONNECTORS - SECURED	VISUAL					
	NO BARE WIRES, CRACKED INSULATION, NO CHAFING	VISUAL					
	B. DRIVE BELTS CHECK FOR PROPER TENSION CHECK FOR ALIGNMENT	VISUAL & TACTILE					
	CONDITION - NO CRACKS, FRAYS	VISUAL					
506	CAB TILT CYLINDER ASSEMBLY <i>INSTALLATION DRAWING 12420777</i>	VISUAL					
	A. MOUNTING - SECURED						
	B. STRUT ASSEMBLY - PROPERLY MOUNTED, PINS AND COTTER KEY SECURED	VISUAL					
507	FUEL PUMP GOVERNOR AND FUEL SYSTEM ASSEMBLY INSTALLATION DWG 12378864, 12378395 Ref. 4.7.44	VISUAL					
	A. CRANK CASE VENT TUBE - CONDITION						
	B. LINKAGE AND THROTTLE CABLE SECURED	VISUAL					
	C. FUEL WATER SEPARATOR	VISUAL					
	D. HOSES, CLAMPS - GENERAL CONDITION, MOUNTING	VISUAL					
508	AIR COMPRESSOR ASSEMBLY	VISUAL					
	A. COMPLETE AND SECURE						
	B. POWER STEERING PUMP - OIL LINES AND FITTINGS - SECURED	VISUAL					



## IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) FMTV, A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
509	POWER STEERING RESERVOIR <i>Installation Dwg. 12378383</i>	VISUAL					
	A. RESERVOIR - MOUNTING						
	B. FILL LEVEL - FULL	VISUAL					
	C. CAP AND GASKET	VISUAL					
510	STEERING GEAR <i>INSTALLATION DRAWING 12378383</i> Ref. 4.7.2	VISUAL					
	A. MOUNTING - COMPLETE AND SECURED, HYDRAULIC LINES AND CONNECTIONS CONDITIONS - NO KINKS, CRACKS						
	B. STEERING SHAFT AND UNIVERSAL JOINTS - COMPLETE AND SECURED	VISUAL					
	C. STEERING COLUMN COMPLETE AND SECURED	VISUAL					
	D. PITMAN ARM MOUNTING - SECURED. SPLIT PINS IN SLOTTED NUTS - SECURE	VISUAL					
511	STARTER ASSEMBLY INSTALLATION DRAWING. 12378862 REF. 4.7.67	VISUAL					
	A. MOUNTING - SECURE						
	B. BATTERY LEADS, ELECTRICAL WIRING - CONDITION -NO CHAFING	VISUAL					
512	GENERAL AIR, OIL LINES - FITTING PROPERLY ROUTED, NO CHAFING.	VISUAL					
513	GENERAL ELECTRICAL LINES, FITTINGS PROPERLY ROUTED, NO CHAFING	VISUAL					

	<b>AREA NO. 6A CARGO BODY</b>	IN-PROCESS REFERENCE FINAL INSPECTION RECORD [FIR] - FMTV A1 MODELS					
ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC	REJ	N/A	RECH K	GOVT QAR
601 A	<b>CARGO BODY EXTERIOR</b> <i>LMTV INSTALLATION DWG. 12419852 INSTALLATION DWG. AIR DROP. 12419853 INSTALLATION DWGS STD. MTV 12419851, LWB. 12419847, Air Drop 12419848 MHE 12419849, LWB/MHE 12419850</i>	VISUAL					
	A. STOWAGE COMPARTMENTS; COVER SUPPORT ROD STOW BOXES, HINGES AND LATCHES  MUST OPERATE FREELY	FUNCTIONAL					
	SIDE RACK BOXES HINGES AND LATCHES MUST OPERATE FREELY	VISUAL					
	B. DROP SIDES, RIGHT AND LEFT; LATCHING MECHANISMS	VISUAL					
	MUST OPERATE, (RELEASE AND CATCH) FREELY	FUNCTIONAL					
	SIDES MUST RAISE AND LOWER WITHOUT BINDING, HINGES - NO BINDING	FUNCTIONAL					
	LASHING HOOKS - MOUNTED SECURELY	VISUAL					
	RUBBER BUMP PADS - CONDITION - SECURED	VISUAL					
	SIDE RAIL VERTICAL POSTS, CENTER AND REAR FIT - NO BINDING	VISUAL & FUNCTIONAL					
	C. SPREADER BAR - HELI LIFT EASE OF EXTRACTING AND STOWING	FUNCTIONAL					
	RETAINING PIN REMOVAL, NO BINDING ALLOWED	FUNCTIONAL					
	D. TAILGATE LATCHING MECHANISM; EASE OF OPERATION - NO BINDING	FUNCTIONAL					
	HINGES - EASE OF RAISING AND LOWERING - NO BINDING	FUNCTIONAL					

## IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) FMTV, A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
602 A	RUBBER BUMP STOPS - SECURED - CONDITION	VISUAL					
	E. TROOP ENTRY LADDER SECURING LATCH MECHANISM, EASE OF OPERATION	FUNCTIONAL					
	CARGO BODY INTERIOR A.ALL DROP SIDES REMOVABLE - POSTS ALIGN WITHOUT BINDING	VISUAL & FUNCTIONAL					
	B. CARGO TIE DOWN POINTS MUST ROTATE WITHOUT BINDING	VISUAL & FUNCTIONAL					
	C. ELECTRIC CRANE MOUNT LOCATIONS - METAL PLUGS INSTALLED -	VISUAL					
603 A	MATERIAL HANDLING CRANE (OPTIONAL FOR MTV) <i>Part Number 12414253</i> <i>INSTALLATION DWG. 12378418,</i> <i>Ref. A.4.4.</i>	VISUAL					
	A. OUTRIGGER CYLINDERS, LINES NO CHAFING ALLOWED.						
	B. LENS REFLECTOR (RED) LEFT AND RIGHT - SECURED, CONDITION OF LENS - NO CRACKS	VISUAL					
	C. MANUAL PUMP CONTROL, MECHANISM LINES AND FITTINGS, PROPER ROUTING - NO CHAFING	VISUAL					
	D. HYDRAULIC CONTROL PANEL LEVERS MUST OPERATE SMOOTHLY WITHOUT BINDING	FUNCTIONAL					
	LINES AND FITTINGS, PROPERLY ROUTED, NO CHAFING	VISUAL					
	E. BOOM ASSEMBLY HYDRAULIC CYLINDER, LINES AND FITTINGS - SECURED	VISUAL					
	RING AND PINION GEAR LUBRICATION	VISUAL					
	TRAVEL PIN INSTALLED	VISUAL					

IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) FMTV, A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
	MANUAL CONTROL HANDLE, BRACKETS - PRESENT	VISUAL					
	RETAINING PIN - FIT	FUNCTIONAL					
	F. WINCH ASSEMBLY						
	MOTOR, LINES & FITTINGS - SECURED, NO CHAFING.	VISUAL					
	PULLEY MUST ROTATE FREELY	FUNCTIONAL					

	<b>AREA NO. 6B TRUCK, TRACTOR, FIFTH WHEEL AND RELATED COMPONENTS</b>	IN-PROCESS REFERENCE FINAL INSPECTION RECORD [FIR] - FMTV A1 MODELS					
ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC	REJ	N/A	RECH K	GOVT QAR
601B	FIFTH WHEEL INSTALLATION AND DECK PLATE, TRACTOR <i>INSTALLATION DWG. 12422288</i> Ref. D.4.0 - D.4.4.						
	A. APPROACH PLATE RIGHT AND LEFT MOUNTING - COMPLETE AND SECURED	VISUAL					
	B. FIFTH WHEEL MOUNTING - COMPLETE AND SECURED	VISUAL					
	LOCK - RELEASE LEVER & SAFETY RETAINER - COMPLETE AND SECURED	VISUAL					
602B	DECK PLATE AND FENDER COMBINATION <i>INSTALLATION DWG. 12378377</i> Ref. D.4.5 and D.4.6						
	A. MOUNTING - SECURED						
	B. FIXED WORK LAMPS (2) MOUNTING - SECURED	VISUAL					
	C. HOSE TENDER AND CABLE SUPPORTS (POGO STICK)						
	D. DUMMY GLAD-HANDS CONNECTORS	VISUAL					
	E. TWO CONNECTING AIR HOSES WITH COILED SPRING HOSES AND GLAD-HAND CONNECTORS	VISUAL					
603B	AUXILIARY TRANSMISSION OIL COOLER <i>Installation Dwg. 12421923</i>						
	A. MOUNTING - COMPLETE AND SECURE  FAN GUARD - SECURED	VISUAL					

	AREA NO. 6C TRUCK, WRECKER	IN-PROCESS REFERENCE FINAL INSPECTION RECORD [FIR] - FMTV A1 MODELS					
ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC	REJ	N/A	RECHE CK	GOVT QAR
601C	ROADSIDE OF WRECKER Ref. Wrecker Assembly Dw. 12378419 A. HYDRAULIC TANK <i>INSTALLATION DWG. 12412771</i> Ref. E.4.9 HYDRAULIC TANK SHUT OFF VALVE OPERATION - MUST OPERATE FREELY  HYDRAULIC MANIFOLD LINE AND FITTINGS - SECURED, NO CHAFING  HYDRAULIC RESERVOIR RUBBER SHOCK MOUNTS CONDITION - SECURED IN PLACE  B. WINCH PNEUMATIC "POT" MOUNTINGS - SECURED  AIR LINES - SECURED NO CRACKS, TEARS, KINKS  C. MAIN RECOVERY WINCH <i>Assembly Dwg 12412345</i> <i>INSTALLATION DWG 12412279</i>  MOUNTING - SECURED CABLE PROPERLY WRAPPED  FILL AND DRAIN PLUGS SECURED,  AIRLINES AND FITTINGS - SECURED  PRESSURE RELIEF VALVE	FUNCTIONAL					
		VISUAL					
		VISUAL					
		VISUAL					
		VISUAL					
		VISUAL					
		VISUAL					
		VISUAL					
		VISUAL					
		FUNCTIONAL					
602C	OUTRIGGER ASSEMBLY <i>INSTALLATION DWG. 12412272</i> Ref. E.4.3.2 A. HYDRAULIC LINES AND FITTINGS SECURED - PROPERLY ROUTED NO CHAFING  B. OUTRIGGER JACK AND EXTENSION CYLINDER.	VISUAL					
		VISUAL					
603C	REMOTE CONTROL HOOK UP MOUNTING - COMPLETE AND SECURED	VISUAL					

## IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) FMTV, A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
604C	A. CAP AND CHAIN - IN PLACE SECURED	VISUAL					
	B. ELECTRICAL CABLE PROPERLY ROUTED, CONDITION OF WIRING - NO CRACKS, BREAKS, OR BARE WIRES	VISUAL					
	C. CONNECTORS ON WIRE ENDS - SECURE	VISUAL					
	WINCH CABLE ROLLERS						
	A. MOUNTING HARDWARE SECURED	VISUAL					
	B. GREASE ZERKS - LUBRICATED	VISUAL					
	C. TOOL BOX MOUNTING - SECURED	VISUAL					
	D. VISE MOUNT - BRACKETS AND MOUNTINGS - COMPLETE AND SECURED	VISUAL					
	E. HYDRAULIC IMPACT WRENCH OUTLETS - COMPLETE AND SECURED	VISUAL					
	HYDRAULIC HOSES AND FITTINGS SECURED - NO CRACKS, TEARS, AND KINKS.	VISUAL					
	F. STINGER REMOTE CONTROL OUTLET MOUNTING - COMPLETE AND SECURED	VISUAL					
	CAP AND CHAIN IN PLACE AND SECURED	VISUAL					
	G. PORTABLE WORK LIGHT OUTLET MOUNTING - COMPLETE AND SECURED	VISUAL					
	PROTECTIVE CAP AND CHAIN IN PLACE - SECURED	VISUAL					
	H. CLEARANCE LIGHT MOUNTING - COMPLETE AND SECURED	VISUAL					
	I. REAR TOOL BOX MOUNTING - COMPLETE AND SECURED	VISUAL					
	J. REFLECTOR IN PLACE AND SECURED. CONDITION OF LENS - NO CRACKS	VISUAL					

## IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) FMTV, A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
605C	REAR OF WRECKER						
	A. COMPOSITE LIGHTS						
	<i>INSTALLATION DWG. 12421289</i>	VISUAL					
	LEFT AND RIGHT - COMPLETE AND SECURED						
	ELECTRICAL WIRING - NO CHAFING, PROPERLY ROUTED, SECURED, NO CHAFING.	VISUAL					
	B. STATIONARY WORK LIGHT						
	LEFT AND RIGHT MOUNTINGS - SECURED	VISUAL					
	ELECTRICAL WIRING - NO CHAFING PROPERLY ROUTED, SECURED.	VISUAL					
	SHOCK MOUNTS AND ATTACHMENT HARDWARE - COMPLETE AND SECURED	VISUAL					
	C. TOWING LIGHT RECEPTACLE - LEFT AND RIGHT MOUNTING - SECURED	VISUAL					
	SPRING COVER - EASE OF OPERATION	FUNCTIONAL					
	RUBBER GASKET - NO CRACKS, TEARS	VISUAL					
	D. REFLECTORS - LEFT AND RIGHT SECURED, LENS CONDITION - NO CRACKS	VISUAL					
606C	E. CLEARANCE AND IDENTIFICATION LIGHTS (X5) - COMPLETE AND SECURED	VISUAL					
	WIRING PROPERLY ROUTED, NO CHAFING.	VISUAL					
	F. FENDERS AND MUDGUARDS LEFT & RIGHT MOUNTING - COMPLETE AND SECURED, NO TEARS	VISUAL					
	STIFF LEG ASSEMBLY LEFT AND RIGHT						
	<i>INSTALLATION DWG. 12412270</i>	VISUAL					
	A. STIFF LEG EXTENSION CYLINDERS SECURED						



## IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) FMTV, A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
607C	GREASE ZERK - LUBRICATED	VISUAL					
	HYDRAULIC HOSES AND FITTINGS SECURED, PROPERLY ROUTED- NO CHAFING.	VISUAL					
	B. SANDSHOE ASSEMBLY - COMPLETE AND SECURED	VISUAL					
	LATCH PINS (2) - EASE OF OPERATION	FUNCTIONAL					
	PIVOT PINS (2) - EASE OF OPERATION	FUNCTIONAL					
	C. GLAD HANDS - COMPLETE AND SECURED	VISUAL					
	CAP AND CHAIN SECURED	VISUAL					
	STINGER ASSEMBLY <i>INSTALLATION DWG. 12412270, 12412612</i> Ref. E.4.2	VISUAL					
	A. HYDRAULIC LIFT CYLINDER LEFT AND RIGHT - SECURED						
	HYDRAULIC LIFT CYLINDER PIVOT PIN - SECURED	VISUAL					
	GREASE ZERK - LUBRICATED	VISUAL					
	B. STINGER FOLD CYLINDER						
	HYDRAULIC LINES AND FITTINGS SECURED - PROPERLY ROUTED, NO CHAFING.	VISUAL					
	STINGER FOLD CYLINDER PIVOT PIN SECURE	VISUAL					
	GREASE ZERK - LUBRICATED	VISUAL					
	STINGER CYLINDER - RETAINING PIN AND CHAIN - SECURED	VISUAL					
	C. STINGER EXTENSION CYLINDER HYDRAULIC LINES AND FITTINGS PROPERLY ROUTED - NO CHAFING.	VISUAL					
	D. CROSS BAR - GREASE ZERK EVIDENCE OF LUBRICATION	VISUAL					

## IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) FMTV, A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
608C	E. LIFT AND TOW BRACKET ASSEMBLY ADJUSTING BARS - EASE OF OPERATION	FUNCTIONAL					
	CURB SIDE OF WRECKER						
	A. CLEARANCE LIGHT MOUNTING - COMPLETE AND SECURED	VISUAL					
	B. PORTABLE WORK LIGHT OUTLET MOUNTING - SECURED	VISUAL					
	PROTECTIVE CAP AND CHAIN - SECURED	VISUAL					
	C. STINGER REMOTE CONTROL OUTLET MOUNTING - SECURED	VISUAL					
	PROTECTIVE CAP AND CHAIN - SECURED	VISUAL					
	D. REFLECTOR LENS - SECURED LENS CONDITION - NO CRACKS	VISUAL					
	E. ACCESS LADDER ASSEMBLY - COMPLETE AND SECURED	VISUAL					
	PIVOT POINTS - EASE OF OPERATION	FUNCTIONAL					
	LOCKING PIN - SECURED, EASE OF OPERATION	VISUAL FUNCTIONAL					
	F. WINCH CABLE ROLLERS - COMPLETE AND SECURED, EASE OF OPERATION	VISUAL FUNCTIONAL					
	GREASE ZERK - LUBRICATED	VISUAL					
	G. CRANE GEAR MOTOR LUBRICATION FILL TUBE MOUNTING - SECURED	VISUAL					
	CAP SECURED	VISUAL					
	H. HYDRAULIC LINES AND FITTINGS PROPERLY ROUTED, NO CHAFING.	VISUAL					
	I. REMOTE CONTROL HOOKUP ASSEMBLY, MOUNTING - COMPLETE AND SECURED	VISUAL					
	CAP AND CHAIN - SECURED	VISUAL					

## IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) FMTV, A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
609C	ELECTRICAL CABLE PROPERLY ROUTED, SECURED, NO CHAFING	VISUAL					
	J. CRANE POWER SWITCH						
	CANON PLUGS TIGHT	VISUAL					
	ELECTRICAL WIRING CONNECTORS SECURED, PROPERLY ROUTED - NO CHAFING	VISUAL					
	GROMMETS IN PLACE	VISUAL					
	K. POWER CONTROL BOX						
	CANON PLUGS TIGHT	VISUAL					
	ELECTRICAL WIRING CONNECTORS SECURED, PROPERLY ROUTED - NO CHAFING	VISUAL					
	OUTRIGGER ASSEMBLY <i>INSTALLATION DWG. 12412272</i> Ref. E.4.3.2						
	A. OIL LINES AND FITTINGS SECURED, PROPERLY ROUTED - NO CHAFING.	VISUAL					
	B. OUTRIGGER EXTENSION CYLINDER.	VISUAL					
	C. MANUAL HAND PUMP HANDLE - NO BINDING	FUNCTIONAL					
610C	HANDLE MOUNT SECURED	VISUAL					
	RETAINING PIN AND CHAIN	VISUAL					
	MAIN RECOVERY WINCH MOUNTING - SECURED <i>Assembly Dwg 12412345</i> <i>INSTALLATION DWG 12412279.</i> Ref. E.4.11	VISUAL					
	CABLE SHALL BE CHECKED FOR LENGTH AND SHALL BE PROPERLY WOUND, FREE OF CORROSION, BIRD NESTING, TWIST, KINKS AND OTHER DEFECTS CAUSED BY IMPROPERLY SPOOLED CABLE.	VISUAL					

## IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) FMTV, A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
611C	FILL AND DRAIN PLUGS - NO EVIDENCE OF LEAKS PRESSURE RELIEF VALVE CRANE CONTROL STATION <i>Assembly Dwg. 12412613</i> <i>INSTALLATION DWG. 12412272, 12412275.</i> Ref. E.4.3 A. VALVES AND LEVERS - EASE OF OPERATION, NO BINDING B. HYDRAULIC LINES AND FITTINGS SECURED, PROPERLY ROUTED, NO CHAFING. C. ELECTRICAL WIRING CONNECTORS - SECURED WIRING PROPERLY ROUTED - NO CHAFING	VISUAL					
		FUNCTIONAL					
		FUNCTIONAL					
		VISUAL					
		VISUAL					
		VISUAL					
612C	WRECKER CONTROL PANEL <i>Assembly Dwg. 12412613</i> <i>INSTALLATION DWG. 12412275.</i> Ref. E.4.3 A. VALVES AND LEVERS - EASE OF OPERATION, NO BINDING B. HYDRAULIC LINES AND FITTINGS SECURED, PROPERLY ROUTED - NO CHAFING. C. SOLENOID WIRING HARNESS PROPERLY ROUTED, NO CHAFING WIRING CONNECTORS - SECURED D. OIL SAMPLE VALVE - EASE OF OPERATION E. EMERGENCY SHUT-DOWN SWITCH - SECURED F. REMOTE HYDRAULIC SLAVE CONTROL LEVERS (2) - EASE OF OPERATION G. TOGGLE SWITCHES - EASE OF OPERATION	FUNCTIONAL					
		VISUAL					
		VISUAL					
		VISUAL					
		FUNCTIONAL					
		VISUAL					
		FUNCTIONAL					
		FUNCTIONAL					
		FUNCTIONAL					

## IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) FMTV, A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
613C	H. WRECKER CONTROL PANEL INSTRUCTION PLATES	VISUAL					
	I. EXTERNAL HYDRAULIC SLAVE PORTS (2) MOUNTING - SECURED	VISUAL					
	AUXILIARY TRANSMISSION OIL COOLER <i>Installation Dwg. 12421923</i>	VISUAL					
	A. MOUNTING - COMPLETE AND SECURED FAN GUARD - SECURED	VISUAL					
	ELECTRICAL WIRING PROPERLY SECURED AND ROUTED, NO CHAFING	VISUAL					
	OIL HOSES AND FITTINGS - SECURED, PROPERLY ROUTED, NO CHAFING	VISUAL					
	A. OXYGEN AND ACETYLENE TANK MOUNTS BRACKETS AND MOUNTS SECURE ATTACHMENT HARDWARE RETAINING CABLES SECURED RUBBER CUSHIONS CONDITION	VISUAL					
614C		VISUAL					
		VISUAL					
		VISUAL					
615C	MAIN RECOVERY WINCH MOUNTING <i>Assembly Dwg 12412345</i> <i>INSTALLATION DWG. 12412279</i> Ref. E.4.3	VISUAL					
	A. (REAR-CAB END SECTION) HYDRAULIC LINES AND FITTINGS SECURE, PROPERLY ROUTED - NO CHAFING.						
	B. CENTER SECTION PNEUMATIC REGULATOR MOUNTING SECURED. PNEUMATIC MANIFOLD AND SOLENOID MOUNTING - SECURED.	VISUAL					
		VISUAL					

## IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) FMTV, A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
616C	ELECTRICAL WIRING, PROPERLY ROUTED, NO CHAFING - CONNECTORS SECURED	VISUAL					
	PRESSURE REGULATOR MOUNTING - SECURED.	VISUAL					
	C. ELECTRICAL TERMINAL BAR, STATION PNEUMATIC MANIFOLD. ELECTRICAL WIRING PROPERLY ROUTED - NO CHAFING, CONNECTORS SECURED	VISUAL					
	AIR LINES - PROPERLY ROUTED - NO CHAFING, SECURED.	VISUAL					
	D. HYDRAULIC CONTROL ASSEMBLY						
	HYDRAULIC VALVES, LINES, FITTINGS - SECURED.	VISUAL					
	ELECTRICAL HARNESS PROPERLY ROUTED, NO CHAFING, WIRING CONNECTORS SECURED	VISUAL					
	AIR LINES PROPERLY ROUTED, NO CHAFING	VISUAL					
	E. OUTRIGGER HOUSING						
	CRANE HYDRAULIC VALVES, LINES, FITTINGS - PROPERLY SECURED, ROUTED, NO CHAFING.	VISUAL					
	CRANE ASSEMBLY						
	<i>Assembly Dwg 12414252</i>	VISUAL					
	<i>INSTALLATION DWG 12412272</i>						
	Ref. E.4.3						
	A. GREASE ZERKS - LUBRICATED						
	B. HYDRAULIC LINES AND FITTINGS PROPERLY SECURED, ROUTED, NO CHAFING.	VISUAL					
	C. BOOM ANGLE INDICATOR LEFT AND RIGHT - MOVES FREELY - SECURED	FUNCTIONAL					

IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) FMTV, A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
	D. LOAD MOMENT INDICATOR CONTROL BOX ELECTRICAL CONNECTORS SECURED, CANON PLUGS TIGHT	VISUAL FUNCTIONAL					

	AREA NO. 6D TRUCK, DUMP	IN-PROCESS REFERENCE FINAL INSPECTION RECORD [FIR] - FMTV A1 MODELS					
ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC	REJ	N/A	RECH K	GOVT QAR
601 D	DUMP BODY INSTALLATION Assembly Drawing 12415746 <i>Installation Drawing 12418128,</i> <i>Air Drop Installation Dwg. 12418127</i> A. INSTALLATION FASTENERS - COMPLETE AND SECURE	VISUAL					
602 D	FENDER INSTALLATION LEFT & RIGHT Installation Dwg 12420240 A. MOUNTING BRACKETS AND FASTENERS - SECURED B. SPLASH SHIELD - SECURED C. HOOK (1 EACH SIDE) - SECURED	VISUAL					
		VISUAL					
		VISUAL					
603 D	TAILGATE ASSEMBLY Assembly Dwg - 12415758 Installation Dwg - 12415746 Ref. B.4.5 A. TAILGATE - DOUBLE ACTING OPERATION - OPENS TOP OR BOTTOM - EASE OF OPERATION B. TAILGATE OPERATING LEVER DWG 12415754 LEVER RELEASE PIN AND LANYARD - SECURED LEVER RING AND CHAIN - SECURED SECURING PIN - LEFT AND RIGHT - EASE OF OPERATING COTTER PINS AND LANYARDS - SECURED	FUNCTIONAL					
		FUNCTIONAL					
		VISUAL					
		VISUAL					
		FUNCTIONAL					
		VISUAL					
604 D	SPREADER BAR LEFT & RIGHT Installation. Dwg. 12415908 A. EXTENSION ARM OPERATION - MUST MOVE FREELY - NO BINDING B. LATCH PIN AND CHAIN - SECURED	FUNCTIONAL					
		VISUAL					



## IN-PROCESS REFERENCE FINAL INSPECTION RECORD [FIR] - FMTV A1 MODELS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
605 D	STORAGE COMPARTMENT DWG 12415967 Installation. Dwg. 12415746 A. DOOR - UNIFORM FIT	VISUAL					
	B. DOOR OPERATION - OPEN AND CLOSE FREELY - NO BINDING	FUNCTIONAL					
606 D	CAB PROTECTOR Assembly Dwg. 12415753 Ref. B.4.4 A HITCH PINS. COTTER PINS AND LANYARDS LEFT & RIGHT - SECURED	VISUAL					
	B. GRAB HANDLE - SECURED	VISUAL					
	C. CAB PROTECTOR LOCKING HANDLES LEFT & RIGHT MUST OPEN AND CLOSE FREELY AND SECURE IN PLACE	FUNCTIONAL					
	D. TORSION SPRINGS (X3) - SECURED	VISUAL					
	E. CAB PROTECTOR FOLD DOWN OPERATION, SECURE TO SIDE PANELS - EASE OF OPERATION	FUNCTIONAL					
607 D	LADDER INSTALLATION Installation Dwg 12418127 - Air Drop Installation Dwg 12418128 - Standard A. LATCH AND LATCH PINS - COMPLETE & SECURE, EASE OF OPERATION.	FUNCTIONAL & VISUAL					
	B. LADDER STOWAGE & HARDWARE - EASE OF OPERATION & ACCESS.	FUNCTIONAL					
608 D	A. ELECTRICAL INSTALLATION Installation Dwg 12415750 ELECTRICAL WIRING GENERAL CONNECTORS - COMPLETE AND SECURE. WIRING - PROPERLY WIRED. CONDITION - NO BARE WIRES CRACKED INSULATION	VISUAL					

## IN-PROCESS REFERENCE FINAL INSPECTION RECORD [FIR] - FMTV A1 MODELS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
609 D	HYDRAULIC INSTALLATION Installation Dwg. 12420310 A. HOSES GENERAL - CLAMPS - COMPLETE AND SECURED, PROPERLY ROUTED. CONDITION - NO CRACKS, SPLITS.	VISUAL					
610 D	PNEUMATIC INSTALLATION ASSY. Installation Dwg. 12415752 A. AIR LINES, FITTINGS, CONNECTORS PROPERLY SECURED, ROUTED, - NO CHAFFING, NO LEAKS	VISUAL AUDITORY					
611 D	SAFETY LOCK Dwg. 12415798 Installation Dwg. 12415756 Ref. B.4.2 A. OPERATE DUMP BODY HYDRAULICS - CHECK LIFTING OPERATION. - CHECK SYSTEM FOR LEAKS - NONE ALLOWED	FUNCTIONAL					
	B. WITH THE DUMP BODY IN THE UP POSITION, CHECK THE PERMANENT SAFETY LOCK TO ENSURE POSITIVE RETENTION	FUNCTIONAL					

	<b>AREA NO. 6 CAB INTERIOR</b>	IN-PROCESS REFERENCE FINAL INSPECTION RECORD (F.I.R.) LMTV A1 MODELS					
ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
701	DOORS RIGHT AND LEFT  <i>DOOR FITTINGS INSTALLATION 12378606</i> <i>DOOR LOCK INSTALLATION 12378607</i>	FUNCTIONAL					
	A. DOOR HANDLES (2)  OPERATION - DOOR LOCK AND HANDLE - OPEN AND CLOSE - MUST OPERATE FREELY						
	B. WINDOWS (2) PERMANENT AND SLIDING  OPERATION OF LOCK AND SLIDING WINDOW - MUST OPERATE FREELY	FUNCTIONAL					
	CONDITION OF WINDOWS - NO CRACKS, BREAKS, CHIPS	VISUAL					
	C. GRAB HANDLE RIGHT AND LEFT MOUNTING - SECURED	VISUAL					
702	D. BRACKET/CLIP - DRIVERS DOOR - OPERATORS MANUAL - MOUNTING SECURED	VISUAL					
	INSTRUMENT PANEL/DASHBOARD.  <i>Panel Assembly Drawing 12421974</i> <i>INSTALLATION DRAWING 12422227</i> Ref. 4.7.73	VISUAL					
	A. GAGES  (OIL PRESSURE, SPEEDOMETER, TACHOMETER, FUEL LEVEL, VOLTAGE, ENGINE TEMPERATURE, PRIMARY AIR PRESSURE, SECONDARY AIR PRESSURE, AIR CLEANER SERVICE INDICATOR) - MOUNTING - SECURED						
	CONDITION OF GAGES - PROPER LABELING, LEGIBLE, NO CRACKS, CHIPS, SCRATCHES, MOISTURE	VISUAL					
	B. CONTROL SWITCHES AND LEVERS WINDSHIELD WASHER, LIGHTS, EMERGENCY ENGINE STOP, ETHER-COLD START, WINDSHIELD WIPER CONTROLS, FLOODLIGHT, DEFROSTER, FRESH AIR HEAT VENT MOUNTING - SECURED	VISUAL					

## IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) MTV A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
	C. LIGHTED INDICATOR DISPLAY UNIT - SECURED	VISUAL					
	D. TRANSMISSION SELECTOR BOX MOUNTING - SECURED	VISUAL					
	E. PTO CONTROL SWITCH MOUNTING - SECURED	VISUAL					
	F. SELF RECOVERY WINCH SWITCH	VISUAL					
703	POWER DISTRIBUTION PANEL LATCHING COVER - COMPLETE AND SECURED, UNIFORM FIT	VISUAL					
704	CENTRAL TIRE INFLATION SYSTEM (C.T.I.S.) <i>Installation Drawing 12378728</i>	VISUAL					
705	A. SELECTOR SWITCH BOX CONDITION - NO DAMAGE						
	B. ECU CABLE PLUG-- SECURED	TACTILE					
	STEERING WHEEL ASSEMBLY <i>INSTALLATION DRAWING 12378383</i>	VISUAL					
	STEERING WHEEL - SECURED						
706	CONDITION OF WHEEL - NO CRACKS, CHIPS	VISUAL					
	STEERING COLUMN MOUNTING - COMPLETE AND SECURED	VISUAL					
	PERSONNEL HEATER <i>INSTALLATION DRAWING. 12378646</i> Ref. 4.7.60	VISUAL					
	MOUNTING - COMPLETE AND SECURED						
707	TREADLE PEDAL (BRAKE)  <i>REF. PNEUMATICS DRAWING 12422324</i>	VISUAL					
	A. PEDAL, MOUNTING - SECURED						

## IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) MTV A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
708	B. TREADLE VALVE ASSEMBLY MOUNTING - SECURED	VISUAL					
	AIR LINES AND CONNECTORS - COMPLETE AND SECURED	VISUAL					
	CONDITION OF LINES AND CONNECTORS - NO BREAKS, SPLITS	VISUAL					
	C. PNEUMATIC BULKHEAD CONNECTIONS MOUNTING - COMPLETE AND SECURED	VISUAL					
	ACCELERATOR PEDAL <i>INSTALLATION DRAWING. 12422018</i>	VISUAL					
	ACCELERATOR LINKAGE - MOUNTING - SECURED						
709	OPERATION OF PEDAL - MUST OPERATE FREELY	FUNCTIONAL					
	DIAGNOSTIC CONNECTOR <i>Installation Drawing. 12422012</i> Ref. 4.7.39	VISUAL					
	MOUNTING-COMPLETE AND SECURED						
710	DUST CAP & LANYARD - SECURED	VISUAL					
	DUST CAP - REMOVE AND REPLACE - MUST OPERATE FREELY	FUNCTIONAL					
	FLOOR ASSEMBLY <i>INSTALLATION DRAWING 12378704</i>						
711	CONDITION OF MATS AND MOLDING - NO CUTS, TEARS	VISUAL					
	DRIVER - PASSENGER, AND CENTER SEATS (Ref. 4.7.32) <i>P/N 12414335, Center 12414321</i> <i>INST DWG 12378629, 12378613 &amp; 12378623</i>	VISUAL					
	A. MOUNTING COMPLETE AND SECURED						

IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) MTV A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
712	SEAT AND SEAT BACK - MOUNTING SECURED, CONDITION OF SEAT - NO TEARS, HOLES	VISUAL					
	B. SEAT ADJUSTMENTS (DRIVER AND PASSENGER ONLY) FORWARD AND BACK OPERATION - MUST OPERATE FREELY	FUNCTIONAL					
	C. SEAT BELTS (RESTRAINTS) <i>Installation Dwg. 12378706</i> MOUNTING - SECURE, NOT TWISTED	VISUAL					
	DRIVERS AND CO-DRIVERS STORAGE BOX <i>INSTALLATION DRAWING 12378639</i> MOUNTING - COMPLETE AND SECURED, DOOR - UNIFORM FIT	VISUAL					
	DOOR OPERATION - OPEN AND CLOSE - MUST OPERATE FREELY	FUNCTIONAL					
	DOOR STAY - COMPLETE AND SECURED, EDGE BEADING - IN PLACE	VISUAL					
713	SUN VISOR <i>INSTALLATION DRAWING 12378680</i> MOUNTING - COMPLETE AND SECURED	VISUAL					
	OPERATION - LOWER AND RAISE FREELY - NO INTERFERENCE	FUNCTIONAL					
714	RIFLE MOUNT (X3) <i>INSTALLATION DRAWING 12378634</i> Ref. 4.7.78 A. RACKS/MOUNTS - COMPLETE AND SECURED	VISUAL					
715	UPHOLSTERY <i>INSTALLATION DRAWING 12378708</i> HEADLINER- COMPLETE AND SECURED. LINER MATERIAL IS PRESSED FIRMLY INTO TAPE AND ALL FASTENERS ARE SECURED PROPERLY.	VISUAL					

	<b>AREA NO. 1 FRONT OF VEHICLE</b>	IN PROCESS REFERENCE FINAL INSPECTION RECORD (F.I.R) LMTV A1 MODELS					
ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
801	<b>ENGINE</b>  Dressed Engine Drawing 12421795 <i>INSTALLATION DRAWING. 12421986</i> Ref.4.7.38  A. OIL PAN MOUNTING - COMPLETE AND SECURED  DRAIN PLUG - MOUNTING - SECURED  CONDITION OF PAN - NO DENTS OR CRACKS  B. OIL LINES  CONNECTORS - COMPLETE AND SECURED  CONDITION OF HOSE - NO CRACKS, SPLITS	VISUAL					
		VISUAL					
		VISUAL					
		VISUAL					
		VISUAL					
		VISUAL					
802	<b>FRONT SHOCK ABSORBERS (RIGHT &amp; LEFT)</b> <i>INSTALLATION DRAWING. 12378429</i> Ref.4.7.56  MOUNTING - COMPLETE AND SECURED  CONDITION OF BRACKETS - NO CRACKS  CONDITION OF SHOCKS - NO DENTS, CRACKS	VISUAL					
		VISUAL					
		VISUAL					
803	<b>FRONT AXLE ASSEMBLY</b>  Assembly Drawing. 12421816 Installation Drawing. 12421993. Ref.4.7.53  A. MOUNTING - U-BOLTS AND NUTS - COMPLETE AND SECURED  WHEEL STOP (2) - MOUNTING - SECURED  B. DRAIN PLUG - MOUNTING - SECURED	VISUAL					
		VISUAL					
		VISUAL					

IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) MTV A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
804	LUBRICANT LEVEL - MUST BE AT PROPER LEVEL	VISUAL & TACTILE					
	C. AIR BRAKE CHAMBER (RIGHT AND LEFT) MOUNTING - COMPLETE AND SECURED	VISUAL					
	CHAMBER CLAMP - MOUNTING - SECURED	VISUAL					
	AIR LINE CONNECTIONS - MOUNTING - SECURED	VISUAL					
	D. C.T.I.S. AIR LINE CONNECTIONS RIGHT AND LEFT - MOUNTING - SECURED	VISUAL					
	FRONT SUSPENSION (RIGHT AND LEFT) <i>INSTALLATION DRAWING. 12421993</i> Ref. 4.7.53	VISUAL					
	MOUNTING - COMPLETE AND SECURED						
	SPRING CLAMPS - COMPLETE AND SECURED	VISUAL					
	MOUNTING BRACKETS - COMPLETE AND SECURED	VISUAL					
	SPRING SHACKLES - COMPLETE AND SECURED	VISUAL					
	RUBBER BUMPER PADS (1) EACH - COMPLETE AND SECURED	VISUAL					
	CONDITION OF BUMPER PADS - NO CRACKS, SPLITS	VISUAL					
	CONDITION OF SPRINGS - NO CRACKS, BREAKS	VISUAL					



IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) MTV A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
805	PROP SHAFT (FRONT AXLE TO TRANSFER CASE) <i>LMTV Installation Drawing. 12417446</i> <i>MTV INSTALLATION DWGS 12417445, 12417447, 12417448 &amp; 12417449</i> Ref.4.7.50 MOUNTING - SECURED	VISUAL					
	GREASE FITTINGS (1) EACH - ACCESSIBLE, SECURED AND GREASED	VISUAL					
	CONDITION OF PROP SHAFT - NO DENTS, BENDS, CRACKS	VISUAL					
806	TRANSMISSION/DROP BOX ASSEMBLY DWG 12378396 <i>COOLER, LUBRICATION OIL, TRANSMISSION INSTALLATION DRAWING. 12421923</i> Ref. 4.7.49.1 A. MOUNTING - COMPLETE AND SECURED	VISUAL					
	B. FILLER TUBE MOUNTING SECURED. CONDITION OF TUBE - NO CRACKS, DENTS	VISUAL					
	C. COOLER LINES CONNECTIONS - MOUNTING - SECURED. CONDITION OF LINES - NO SPLITS, CRACKS	VISUAL					
	D. COMPUTER WIRING CONNECTIONS - SECURED	VISUAL					
	CONDITION OF WIRES - NO CRACKS, BREAKS	VISUAL					
807	PTO ASSEMBLY <i>INSTALLATION DRAWING. 12422044</i> Ref. O.4.6 MOUNTING - COMPLETE AND SECURED	VISUAL					

IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) MTV A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
808	AIR RESERVOIRS LMTV Installation Drawing. 1241849 MTV. Installation Dwgs 12418495, 12418496, 12418497	VISUAL					
	A. WET TANK MOUNTING - COMPLETE AND SECURED						
	AIR LINES AND CONNECTION - COMPLETE AND SECURED						
	B. PRIMARY AND SECONDARY RESERVOIR MOUNTING - COMPLETE AND SECURED						
809	EXHAUST SYSTEM <i>INSTALLATION DRAWING. 12421914</i> <i>Air Drop Installation Dwg. 12422219</i> Ref. 4.7.48	VISUAL					
	A. HANGER - PROPERLY MOUNTED						
	B. CLAMPS - SECURED						
	C. EXHAUST PIPE - SECURED						
	D. MUFFLER HEAT SHIELD - SECURED						
810	C.T.I.S. EXHAUST VALVE MOUNTING - COMPLETE AND SECURED	VISUAL					

IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) MTV A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
811	PNEUMATIC SYSTEM ABS MODULATING VALVES (2) AND VALVE CONTROL PANEL ASSEMBLY Installation Dwg. LMTV 12422019. Std MTV & DUMP 12422020, LWB & MHE 12422021 Wrecker 12422023, Tractor 12422043  VALVES, HOSES, FITTINGS - COMPLETE AND SECURE. HOSES PROPERLY ROUTED, NO CHAFING	VISUAL					
812	PROP SHAFT, TRANSFER CASE TO REAR AXLE,  LMTV Installation Dwg. 12417446  TRANSMISSION TO INTERMEDIATE AXLE, MTV. INSTALLATION DRAWINGS 12417445, 12417447, 12417449 Ref. 4.7.50  A. YOKES, MOUNTING - COMPLETE & SECURED  B. U-JOINTS MOUNTING - SECURED- PROPERLY ALIGNED  GREASE FITTINGS - SECURED AND GREASED	VISUAL					
		VISUAL					
		VISUAL					
813	PROP SHAFT -MTV ONLY (INTERMEDIATE TO REAR AXLE) INSTALLATION DRAWINGS 12417445, 12417447, 12417448, 12417449 [Ref. 4.7.50]  A. YOKES, FRONT MOUNTING - COMPLETE AND SECURED  REAR MOUNTING - COMPLETE AND SECURED  B. U-JOINTS, MOUNTING - SECURED - PROPERLY ALIGNED  GREASE FITTINGS - ACCESSIBLE, SECURED AND GREASED	VISUAL					
		VISUAL					
		VISUAL					
		VISUAL					

IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) MTV A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
814	REAR UPPER CONTROL ARMS. (MTV ONLY) QUICK C.T.I.S. CONTROL VALVE - MOUNTING SECURE	VISUAL					
815	REAR SUSPENSION (MTV ONLY) INST DWGS 12421994, 12421995, 12421996, 12421997, 12421998 Ref. 4.7.53 A. CONTROL RODS, MOUNTING, COMPLETE AND SECURE. RUBBER DONUT - MOUNTING SECURED	VISUAL					
	B. SPRING ASSEMBLY RIGHT & LEFT MOUNTING - COMPLETE AND SECURED. SPRING CLAMPS COMPLETE AND SECURED, RUBBER BUMPER PADS, COMPLETE AND SECURED	VISUAL					
816	REAR AXLE, INTERMEDIATE (MTV) Ref. 4.7.53 LMTV Rear Assy. Dwg. 12421817 LMTV Rear Inst. Dwg. 12421999 MTV Rear Assy Dwg. 12421819 Intermediate Assy Dwg 12421818 A. COMPLETE AND SECURED	VISUAL					
	B. FILL PLUG & DRAIN PLUG (2 EACH MTV)) MOUNTING - SECURED	VISUAL					
	FLUID LEVEL - MUST BE AT PROPER LEVEL	VISUAL & TACTILE					
	C. AIR BRAKE CHAMBERS (AIR BRAKES, SPRING BRAKES) MOUNTING -COMPLETE, SECURED	VISUAL					
	AIR LINE CONNECTIONS - COMPLETE AND SECURED,	VISUAL					
	AIR BRAKE HARNESS CLAMPS - COMPLETE AND SECURED	VISUAL					

IN-PROCESS REFERENCE FINAL INSPECTION RECORD (FIR) MTV A1 MODELS.

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RECHECK	GOVT QAR
	SPRING BRAKES, PLASTIC PLUGS - COMPLETE AND SECURED	VISUAL					

901	<p>ROLLER TEST:</p> <p>Ref. 4.4.1.1</p> <p>EACH VEHICLE SHALL BE OPERATED ON A ROLLER TYPE FIXTURE FOR NOT LESS THAN 3 MILES. ALL TRANSMISSION SELECTIONS AND TRANSFER CASE SELECTIONS SHALL BE CHECKED. VEHICLE SHALL BE OPERATED FROM 0 TO MAXIMUM GOVERNED SPEED SUBSEQUENT TO THE ROLLER TEST WITH ENGINE IDLING. VEHICLE SHALL BE EXAMINED FOR LEAKS.</p>	VISUAL & FUNCTIONAL					
902	<p>AIR SYSTEM</p> <p>Ref. 4.7.74</p> <p>A. LOW PRESSURE AUDIBLE WARNING LIGHT/BUZZER ACTIVATES WHEN DECREASING PRESSURE IN RANGE OF 80 PSI</p> <p>B. AIR LEAKS TEST, WITH THE AIR PRESSURE SYSTEM FULLY CHARGED, PRESSURE DROP NOT TO EXCEED 2 PSI PER MINUTE. ENGINE TO BE STOPPED DURING TEST.</p>	FUNCTIONAL & AUDITORY & VISUAL					
		CERTIFIED CALIBRATED AIR GAGE					

DEFICIENCY SHEET	CORRECTIVE ACTION
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[illegible]

ENCLOSURE 1

# **FINAL INSPECTION RECORD**

## **FMTV, A1 MODELS**

### **U.S. ARMY TANK-AUTOMOTIVE COMMAND (TACOM)**

#### **Acceptance Tests and Area Inspection Requirements**



FINAL INSPECTION RECORD (FIR) FMTV, A1 MODELS  
U.S. ARMY TANK-AUTOMOTIVE COMMAND (TACOM)  
ACCEPTANCE TESTS AND AREA INSPECTION REQUIREMENTS SHEETS

VEHICLE DATA

FMTV TRUCK, 2 1/2 TON, 4 X 4, LMTV AND 5 TON, 6 X 6, MTV, ALL A1 MODEL,  
SERIES:

END ITEM SPECIFICATION: ATPD 2131A

PROCESSING FOR STORAGE AND SHIPMENT SPECIFICATIONS: MIL-V-62038

REVISION LETTER, DATE, DESCRIPTION, AUTHORITY AND APPROVAL WILL BE  
RECORDED BELOW. THE LATEST REVISION DATE WILL BE RECORDED ON  
AFFECTED PAGE.

REVISION CONTROL

REVISION DATE	CHANGE DESCRIPTION	AUTHORITY	APPROVED
13 Oct '99	Added items 19A Front/Rear Shackles installation also 20A, Fuel Tank Fill. Added Control Test Item 1126, Diagnostic (BITE) Equipment Check	Requested by Mr. P. Fiester, TACOM	Mr. Paul Fiester
21 June '00	Added Control Test Item 1127, ABS check using prolink. Added the Aux Cooler check to item FIR Item 01A	Requested by Mr. P. Fiester, TACOM	
03 Oct '02	Changed 07A, Driveline bolts changed to torque controlled shear off bolts.		
	Changed 08A, Front axle u-bolts are torqued with DC electric nutrunner. The process has been quality verified to not need re-torque.		
	Added PY-5, 18B, Limp Home System verification.		
	Added PY-5, 19B, Battery Disconnect System verification.		
	Added PY-5, 20B, Remote Start System verification.		
	Added PY-5, 21B, 12 / 24 Volt Indicator Gage verification.		

FINAL INSPECTION RECORD (FIR)  
U.S. ARMY TANK-AUTOMOTIVE COMMAND (TACOM)  
FMTV TRUCK, 2 1/2 TON, 4 X 4, LMTV  
AND 5 TON, 6 X 6, MTV A1 MODELS

ROAD TEST AND FINAL INSPECTION

VEHICLE DATA

VEHICLE SERIAL NO.		MFG. VEHICLE NO. & MODEL:	
ENGINE SERIAL NO.		TRANSMISSION SERIAL NO.	
AXLE SERIAL NO. FRONT:	INTERMEDIATE: (MTV)	REAR:	
MANUFACTURER: STEWART & STEVENSON TACTICAL VEHICLE SYSTEMS, LP		CONTRACT NO. DAAE07-98-C-M005	

ROAD TEST

MILEAGE BEFORE TEST:	MILEAGE AFTER TEST:
CHIEF TESTER:	GOV'T. INSPECTOR:
SUBMITTED BY:	
APPROVED BY GOV'T. INSPECTOR:	DATE:

FINAL VEHICLE INSPECTION

SUBMITTED BY TVS INSPECTOR:	DATE:
APPROVED BY GOV'T. INSPECTOR:	DATE:

AFTER THE VEHICLE HAS BEEN RELEASED FOR ROAD TEST, THE INSPECTOR SHALL DETERMINE ITS READINESS FOR INSPECTION BY PERFORMING THE FOLLOWING CHECKS:

INSP.  
STAMP

**1. SAFETY CHECK BEFORE ROAD TEST**

- A. ALL TIRES PROPERLY INFLATED & FREE FROM DAMAGE ..... \_\_\_\_\_
- B. FUEL SYSTEM FREE FROM LEAKS ..... \_\_\_\_\_
- C. CHECK ENGINE OIL LEVEL/FREE FROM LEAKS..... \_\_\_\_\_
- D. CHECK TRANSMISSION OIL LEVEL/FREE FROM LEAKS..... \_\_\_\_\_
- E. CHECK COOLANT LEVEL/SYSTEM FREE FROM LEAKS..... \_\_\_\_\_
- F. WITH ENGINE RUNNING, VERIFY THAT THE ENGINE OIL PRESSURE, VOLTMETER, AIR PRESSURE AND FUEL GAGES ARE OPERATING PROPERLY BY VISUALLY INSPECTING EACH GAGE AND NOTING THAT THE INDICATOR IS POINTING TO THE NORMAL OPERATING POSITION. SHUT ENGINE OFF AND AGAIN OBSERVE GAGES TO ASSURE THEY ARE NOT STUCK, BUT RETURN TO NON-OPERATING POSITION. AIR PRESSURE GAGE WILL REMAIN AT OPERATING POSITION.  
**\*\* DO NOT ROAD TEST TRUCK IF ENGINE OIL PRESSURE OR AIR GAGES ARE NOT OPERATING** ..... \_\_\_\_\_
- G. CHECK CENTRAL TIRE INFLATION SYSTEM DISPLAY. OBSERVE TIRE PRESSURE IS IN PROPER OPERATING CONDITION. .... \_\_\_\_\_
- H. VERIFY THAT ALL STEERING SYSTEM PARTS ARE TIGHT AND FUNCTIONING PROPERLY BY FIRST PHYSICALLY CHECKING STEERING WHEEL FOR SIDE AND END PLAY. NONE PERMITTED. THEN ROTATE STEERING WHEEL CLOCKWISE AND COUNTER-CLOCKWISE TO DETERMINE IF FREEPLAY IS ADEQUATE. START ENGINE AND ROTATE STEERING WHEEL TO ITS MAXIMUM COUNTERCLOCKWISE POSITION, ALLOWING THE VEHICLE TO CREEP SUFFICIENTLY TO REDUCE TIRE FRICTION. THE TURNING OPERATION MUST BE SMOOTH AND QUIET. .... \_\_\_\_\_
- I. VERIFY THAT BRAKES ARE OPERATING PROPERLY BY ALLOWING VEHICLE TO CREEP (2-3 MPH) AND APPLYING BRAKES. VERIFY BRAKE PEDAL FOR EASE OF APPLICATION, NO BINDING, RETURNS TO THE OFF POSITION.  
**\*\* DO NOT ROAD TEST IF BRAKES ARE NOT FUNCTIONING**..... \_\_\_\_\_
- J. VERIFY THAT THE ACCELERATOR PEDAL OPERATES PROPERLY, EASE OF APPLICATION, NO BINDING, RETURNS TO THE OFF POSITION.  
**\*\* DO NOT ROAD TEST IF THE PEDAL IS NOT FUNCTIONING.** ..... \_\_\_\_\_

**2. IN-PROCESS MANUFACTURING/ASSEMBLY RECORDS REVIEW**

- A. COMPLETE..... \_\_\_\_\_
- B. IDENTIFIED DEFICIENCIES DOCUMENTED..... \_\_\_\_\_

**3. GENERAL INSPECTION REQUIREMENTS**

THE FOLLOWING CHARACTERISTICS ARE COMMON TO MOST ITEMS AND ARE CONSIDERED AS PART OF EACH ITEM, WHERE APPLICABLE. THEY ARE DEFINED IN GENERAL TERMS IN THIS SECTION TO ELIMINATE THEIR REPETITION. HOWEVER, THEY MUST BE REVIEWED VISUALLY IN EACH ITEM AND REPORTED IF FOUND DISCREPANT.

- A. **CONDITION:** NO PART SHALL EXHIBIT ANY EVIDENCE OF DAMAGE, MUTILATION, OR POOR WORKMANSHIP OF CONSTRUCTION. THERE SHALL BE NO CHAFFING, BURRS OR SHARP EDGES WHERE LINES, HOSES OR CABLES CAN MAKE CONTACT OR FROM WHICH INJURIES CAN BE SUSTAINED.
- B. **COMPLETENESS OF ASSEMBLY AND SECURED:** ALL ATTACHMENT HARDWARE MUST BE COMPLETE AND SECURED. ANY EVIDENCE OF PARTS BEING INCOMPLETE AND IMPROPERLY SECURED WILL BE CAUSE FOR REJECTION.
- C. **ROUTING, CLIPPING AND CLEARANCES:** ALL WIRING HARNESSSES, FUEL, HYDRAULIC AND AIR LINES MUST BE PROPERLY ROUTED AND CLIPPED PER THEIR RESPECTIVE INSTALLATION DRAWINGS. NO CHAFFING IS PERMITTED.
- D. **PAINTING:** ALL PAINTED SURFACES SHALL BE INSPECTED FOR PROPER APPLICATION. PAINTED SURFACES SHALL BE FREE FROM RUNS, SAGS, SCRATCHES, THIN AREAS AND OBSERVED FOR APPLICABLE COLOR.
- E. **MARKING:** ALL VEHICLE MARKINGS (CAUTIONARY, LIFTING POINTS, IDENTIFICATION) SHALL BE CHECKED FOR LEGIBILITY, PROPER LOCATION AND APPLICATION.
- F. **ELECTRICAL SYSTEM:** THE VEHICLES WIRING AND ELECTRICAL COMPONENTS SHALL BE INSPECTED FOR SECURE MOUNTING, PROPER ROUTING, CONDUIT CONDITION (BREAKS, CUTS, CRACKS, KINKS) AND CONNECTOR CONDITION.
- G. **LUBRICANTS:** ENGINE OIL, TRANSMISSION OIL, GEAR BOXES, HOUSINGS AND CARRIERS MUST BE FILLED TO PROPER LEVEL. ALL LUBRICATION FITTINGS MUST BE GREASED.
- H. **LEAKS:** FOR PURPOSES OF REPORTING, THE FOLLOWING CLASSIFICATIONS AND DEFINITIONS OF LEAKAGE SHALL BE USED DURING THIS PORTION OF INSPECTION.

**CLASS I**            SEEPAGE OF FLUID (INDICATED BY WETNESS OR DISCOLORATION) INSUFFICIENT TO CAUSE DROP FORMATION.

**CLASS II**            LEAKAGE OF FLUID SUFFICIENT TO CAUSE DROP FORMATION BUT INSUFFICIENT TO CAUSE DROPS TO FALL FROM THE ITEM BEING INSPECTED.

**CLASS III**            LEAKAGE OF FLUID SUFFICIENT TO CAUSE DROPS TO DRIP FROM THE ITEM BEING INSPECTED. ANY EVIDENCE OF FLUID BEYOND THE SEAL THAT RESULTS IN THE FORMATION OF A DROPLET IS NOT ACCEPTABLE.

**CAUTION**

**DO NOT OPERATE VEHICLE, IF CLASS III LEAKS ARE FOUND.**

**4. GENERAL INSPECTION SEQUENCE**

THE PRE-INSPECTION SAFETY CHECK SHALL BE ACCOMPLISHED PRIOR TO VEHICLE ROAD TEST. ROAD TEST AND FINAL INSPECTION SHEETS SHALL BE COMPLETED FOR EACH VEHICLE PRIOR TO RELEASE OF VEHICLE.

FINAL ACCEPTANCE OF THE VEHICLE SHALL NOT BE ACCOMPLISHED UNTIL ALL DEFICIENCIES HAVE BEEN CORRECTED AND/OR APPROVED.

# **FINAL INSPECTION RECORD, FMTV, A1 MODELS**

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**DEFICIENCY SHEET**

# FMTV -- FINAL INSPECTION RECORD, A1 MODELS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RE-CHECK	GOVT QAR
<b>ACCEPTANCE TESTS AND ROAD TEST REQUIREMENTS</b>							
01A	<b>A. INSTRUMENT PANEL CONTROL SWITCHES AND LEVER - FUNCTIONAL OPERATION.</b>						
	ETHER [COLD START] ASSIST	FUNCTIONAL					
	IGNITION ON - OFF. FOR MTV MODELS, CHECK THE AUXILIARY COOLER FAN COMES ON.	FUNCTIONAL					
	PTO - DISENGAGE/ENGAGE	FUNCTIONAL					
	BLOWER MOTOR - LOW, MEDIUM & HIGH	FUNCTIONAL					
	DEFROSTER	FUNCTIONAL					
	FRESH AIR HEAT	FUNCTIONAL					
	HEAT	FUNCTIONAL					
	ROTARY WARNING LIGHTS	FUNCTIONAL					
	RADIATOR FAN OFF	FUNCTIONAL					
	ARCTIC HEATER [IF INSTALLED]	FUNCTIONAL					
	<b>B. LIGHT SWITCH OPERATION</b>	VISUAL & FUNCTIONAL					
	RIGHT FRONT HEADLIGHTS	VISUAL & FUNCTIONAL					
	LEFT FRONT HEADLIGHTS	VISUAL & FUNCTIONAL					
	HEADLIGHTS - HIGH/LOW BEAM	VISUAL & FUNCTIONAL					

# FMTV -- FINAL INSPECTION RECORD, A1 MODELS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RE-CHECK	GOVT QAR
	RIGHT REAR SIDE MARKER	VISUAL & FUNCTIONAL					
	LEFT REAR SIDE MARKER	VISUAL & FUNCTIONAL					
	PARKING LIGHTS - RIGHT FRONT	VISUAL & FUNCTIONAL					
	PARKING LIGHTS - LEFT FRONT	VISUAL & FUNCTIONAL					
	PARKING LIGHTS - RIGHT REAR	VISUAL & FUNCTIONAL					
	PARKING LIGHTS - LEFT REAR	VISUAL & FUNCTIONAL					
	BLACKOUT DRIVE	VISUAL & FUNCTIONAL					
	BLACKOUT STOP LIGHT	VISUAL & FUNCTIONAL					
	DIMMER SWITCH - OPERATES FREELY	VISUAL & FUNCTIONAL					
	TURN SIGNAL SWITCH - OPERATES FREELY, SELF CANCELING	VISUAL & FUNCTIONAL					
	TURN SIGNAL - FRONT LEFT AND RIGHT	VISUAL & FUNCTIONAL					
	TURN SIGNAL - REAR LEFT AND RIGHT	VISUAL & FUNCTIONAL					
	HAZARD WARNING LIGHTS FRONT/REAR	VISUAL & FUNCTIONAL					
	SERVICE BRAKE LIGHTS LEFT & RIGHT	VISUAL & FUNCTIONAL					
	BACKUP LIGHT	VISUAL & FUNCTIONAL					
02A	<b>FUEL WATER SEPARATOR</b> - CHECKED FOR EXCESSIVE DEBRIS, CLEANED IF REQUIRED PER WORK INSTRUCTIONS.	VISUAL					
03A	<b>HORN (REF. 4.7.71)</b>	FUNCTIONAL					
04A	<b>WINDSHIELD WIPERS/WINDSHIELD WASHER (REF. 4.7.58)</b> WINDSHIELD WIPERS AND WASHERS OPERATE PROPERLY, WIPERS RETURN TO THE PARK POSITION. WASHER BOTTLE FILLED WITH WASHER FLUID.	VISUAL & FUNCTIONAL					
05A	<b>STARTER TEST [REF. 4.7.67]</b>						

## FMTV -- FINAL INSPECTION RECORD, A1 MODELS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RE-CHECK	GOVT QAR
	<b>A.</b> WITH THE ENGINE RUNNING, ACTUATE THE START SWITCH - STARTER SHOULD NOT ENGAGE.	FUNCTIONAL					
	<b>B.</b> SHUT OFF ENGINE AND RE-START AFTER A MAXIMUM OF 2 SECONDS - STARTER MUST RE-ENGAGE.	FUNCTIONAL					
<b>06A</b>	<b>WHEEL LUG NUTS.</b> (AFTER ROAD TEST OP.) RE-TORQUE ALL LUG NUTS.	CALIBRATED TORQUE TOOL					
<b>07A</b>	<b>DRIVE SHAFT,</b> FRONT, REAR, MTV CENTER (AFTER ROAD TEST OP.) - <b>INSPECT ALL BOLTS AND HARDWARE.</b>	VISUAL					
<b>08A</b>	<b>AXLE U-BOLTS,</b> FRONT & REAR (AFTER ROAD TEST) - RE-TORQUE <b>REAR AXLES ONLY</b> INSTALLATION FASTENERS.	CALIBRATED TORQUE TOOL					
<b>09A</b>	<b>ALTERNATOR BELT</b> TENSION CHECK (AFTER ROAD TEST OP.) - BELTS ALIGNED PROPERLY, NO CRACKS OR FRAYS ALLOWED.	VISUAL					
<b>10A</b>	<b>HEADLIGHTS</b> AIMED, PROPERLY ADJUSTED	VISUAL					
<b>11A</b>	<b>SIDE MOUNTED RECOVERY WINCH [REF. 4.7.80]</b> <b>A.</b> THE WINCH CABLE SHALL BE AT LEAST 280 FEET (85 METERS) IN LENGTH.	MEASURING GAGE					
	<b>B.</b> THE CABLE SHALL BE CHECKED FOR TYPE (SWAGE STRAND, NO SPLICE JOINT AND CLEVIS ENDS) THE WINCH CABLE SHALL BE PROPERLY WOUND, FREE OF CORROSION, BIRD NESTING, TWIST, KINKS AND OTHER DEFECTS CAUSED BY IMPROPERLY SPOOLED CABLE.	VISUAL					
	<b>C.</b> THE WINCH SHALL ALSO BE TESTED BY PULLING AN UNLOADED VEHICLE ON HARD LEVEL SURFACE.	FUNCTIONAL					
	<b>CAUTION: LOCK WINCH LEVER AFTER TEST TO PREVENT CABLE FROM UNWINDING.</b>						
	<b>D.</b> GREASE APPLIED TO WINCH ROLLER GUIDES, TOP AND BOTTOM.	VISUAL					
	<b>E.</b> LABEL - "WARNING"	VISUAL					
	<b>F.</b> PLATE, WARNING CABLE	VISUAL					
	<b>G.</b> PLATE - CABLE ROUTING INSTRUCTIONS.	VISUAL					



# FMTV -- FINAL INSPECTION RECORD, A1 MODELS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RE-CHECK	GOVT QAR
12A	H. PLATE, CAUTION, WINCH CABLE (INSIDE CAB, ON LAGO BOARD COVER)	VISUAL					
	I. WINCH NAME PLATE - LEGIBLE, SECURED. PLATE CONTAINS THE FOLLOWING: MANUFACTURERS NAME, MODEL & SERIAL NUMBER RATED LINE PULL ON LAYER- (FULL DRUM) FIRST LAYER (POUNDS) RATED INPUT SPEED AT RATED PULL (RPM) DUTY CYCLE RATING (FEET OR *F) MAX. RECOMMENDED WIRE ROPE DIA. (INCHES)	VISUAL					
		VISUAL					
	<b>CAB TILT AND AIR TRANSPORTABILITY FUNCTIONAL OPERATION.</b>						
	CONTROL BOX MANIFOLD FUNCTIONAL CHECK ONLY. [NOT REQUIRED THROUGH ENTIRE RANGE OF MOTION]						
	A. CAB TILT - LOWER/RAISE	VISUAL & FUNCTIONAL					
	B. SPARE TIRE - LOWER/RAISE, EASE OF OPERATION.	VISUAL & FUNCTIONAL					
	C. SUSPENSION - LOWER/RAISE	VISUAL & FUNCTIONAL					
	D. CAB DEFLATE.	VISUAL & FUNCTIONAL					
	E. CAB LATCH ENGAGE/DISENGAGE FREELY, PROPERLY ALIGNED.	VISUAL					
	F. LOAD LEVELING VALVE LINKAGE - STRAIGHT, NO BINDING DURING OPERATION.	VISUAL					
	G. AIR/HYDRAULIC HOSES, NO CHAFING DURING OPERATION. HYDRAULIC LEAKS - NONE ALLOWED.	VISUAL					
13A	<b>TOOL BOX SEAL - INSTALLED, NO TEARS.</b>	VISUAL					
14A	<b>CAB TILT OPERATION - MANUAL HAND PUMP</b> CHECKS THE FUNCTIONAL OPERATION OF THE HAND PUMP.						
	A. CAB TILT OPERATION - EASE OF OPERATION	FUNCTIONAL					
	B. HYDRAULIC PUMP, HOSES, LINES AND FITTINGS - NO LEAKS	VISUAL					

# FMTV -- FINAL INSPECTION RECORD, A1 MODELS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RE-CHECK	GOVT QAR
15A	<b>ALL BASIC ISSUE ITEMS [BII] AND OVERPACK</b> ITEMS SHALL BE SECURED AND STORED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION DRAWINGS. (Ref. Inst. Dwg. 12378411)	VISUAL					
16A	<b>DATA PLATES</b> - Ref. Inst. Dwg. 12422122. NO BURRS OR SHARP EDGES, LEGIBLE.	VISUAL					
	A. PLATE - WARRANTY	VISUAL					
	B. PLATE - CAUTION, RADIATOR.	VISUAL					
	C. PLATE - WARNING, CAB TILT.	VISUAL					
	D. PLATE - SLING LIFT CAUTION, LEFT SIDE AND RIGHT SIDE.	VISUAL					
	E. PLATE - HOT EXHAUST.	VISUAL					
17A	<b>GREASE</b> APPLIED TO- DOOR ARRESTERS, HELI-LIFT, CAB LATCH PINS, STOWAGE DOOR PANEL LATCHES, BED LIFT ARMS AND RETAINING PINS L/S & R/S, TIE DOWN RINGS GREASED, ROTATE FREELY. DOOR HINGES OILED.	VISUAL & FUNCTIONAL					
18A	<b>ALL VEHICLES</b> SHALL BE CONFIGURED TO ACCEPT THE KITS SPECIFIED BELOW.						
	A. MACHINE GUN RING , 57K1224	VISUAL					
	B. OPTIONS PANEL, 57K1974	VISUAL					
	C. ARCTIC SWINGFIRE, 57K1973	VISUAL					
	D. ARCTIC CAB HEAT, 57K1971	VISUAL					
	E. ARCTIC FRONT, 57K1945	VISUAL					
	F. ARCTIC PNEUMATICS, 57K1946	VISUAL					
	G. WARNING LIGHT, 57K1220	VISUAL					

## FMTV -- FINAL INSPECTION RECORD, A1 MODELS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RE-CHECK	GOVT QAR
	H. TROOP SEATS, LMTV 57K1893, MTV STD. 57K1894, DUMP 57K1897, LWB 57K1896. TROOP ALARM AND CABLE - INSTALLED, PROPERLY ROUTED, NO CHAFING. ALARM CHECKED FOR OPERATION. SAFETY STRAP INSTALLED	VISUAL & FUNCTIONAL					
	I. CARGO COVER SOFT TOP KIT, LMTV 57K1898, MTV CARGO 57K1899, DUMP 57K1901, LWB 57K1900.	VISUAL					
	J. 200 AMP ALTERNATOR KIT, 57K1912, AIR DROP 57K1918	VISUAL					
	K. ARCTIC CARGO, CARGO 57K1908 (AIR DROP 57K1909)	VISUAL					
	L. ARCTIC COVER, CARGO 57K1924, AIR DROP 57K1923.	VISUAL					
	M. LIGHT MATERIAL HANDLING CRANE KIT, 57K1215	VISUAL					
	N. WRECKER ONLY, FUEL WATER CAN STOWAGE, 57K1912	VISUAL					
19A	FRONT AND REAR SHACKLES - INSTALLED, SECURED. ENSURE CAMOUFLAGE PATTERN IS CORRECT. (Ref. Inst. Dwg. Front, 12378447 & Rear, 12378439)	TACTILE & VISUAL					
20A	THE FUEL TANK INSTRUMENT PANEL GAGE SHALL INDICATE ONE HALF (1/2) TANK OF FUEL AT THE TIME OFFERED FOR FINAL ACCEPTANCE TO THE GOVERNMENT. ANY FUEL LOSS SHALL BE REPLENISHED BEFORE SHIPPING. (REF. E.12)	VISUAL					
<b>ROAD TEST</b>							
	<b>NOTE:</b> - ALL SAFETY CHECKS LISTED UNDER "INSTRUCTIONS TO INSPECTOR" MUST BE SATISFACTORILY COMPLETED PRIOR TO ROAD TEST. *BEFORE PERFORMING THE ROAD TEST, WIPE DOWN COMPONENTS WHERE GREASE, OIL OR DIRT HAS FORMED. *ALL QUALITY CONFORMANCE TESTS (QCI) ARE PERFORMED AT VEHICLE CURB WEIGHT (VCW).						

## FMTV -- FINAL INSPECTION RECORD, A1 MODELS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RE-CHECK	GOVT QAR
01B	<p><b>ROAD TEST:</b> EVERY VEHICLE SHALL BE ROAD TESTED FOR NOT LESS THAN 12 MILES OVER PAVED SURFACED ROADS. VEHICLE SHALL BE ABLE TO ACHIEVE 55 MPH ON PAVED SURFACE.</p> <p>FAILURE OF THE VEHICLE TO MEET THE REQUIREMENTS OF VISUAL EXAMINATIONS AND ROAD TESTS LISTED BELOW SHALL BE CAUSE FOR REJECTION.</p> <p>ACCEPTANCE OF THE VEHICLE FOR GOVERNMENT TESTING SHALL DISCONTINUE UNTIL CORRECTIVE ACTION HAS BEEN TAKEN TO ELIMINATE THE DEFICIENCY/DEFICIENCIES.</p> <p><b>ROAD TEST:</b> [REF.4.4.1.2] ALL FLUID LEVELS SHALL BE CHECKED AND FILLED AS REQUIRED, ADJUSTMENTS MADE, THE VEHICLE SHALL BE OPERATED FOR NOT LESS THAN 12 MILES AS FOLLOWS: THE VEHICLE SHALL SUCCESSFULLY SHIFT THROUGH ALL FORWARD TRANSMISSION SHIFT POINTS.</p> <p>THE TRANSFER CASE SHALL BE CHECKED FOR THE CAPABILITY TO DRIVE BOTH FRONT AND REAR AXLES. EACH TRANSFER CASE SELECTION AND C.T.I.S SELECTION SHALL BE ENGAGED.</p> <p>THE EXHAUST BRAKE/RETARDER SHALL BE FUNCTIONAL CHECKED FOR DOWN SHIFTING CAPABILITY.</p> <p>THE VEHICLE SHALL BE DRIVEN IN REVERSE FOR NOT LESS THAN 50 FEET AT A SPEED BETWEEN 2 AND 5 MPH.</p>	FUNCTIONAL					

# FMTV -- FINAL INSPECTION RECORD, A1 MODELS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RE-CHECK	GOVT QAR
	THE FOLLOWING ITEMS SHALL BE CHECKED DURING THE VEHICLE ROAD TEST WITH THE ENGINE OPERATING AND TRANSMISSION ENGAGED.						
<b>02B</b>	<b>INSTRUMENT PANEL [REF. 4.7.73]</b>						
	A. GAGE OPERATION						
	[1] ENGINE OIL PRESSURE READINGS IN THE ZONE FOR NORMAL OPERATING TEMPERATURE.	VISUAL & FUNCTIONAL					
	[2] SPEEDOMETER/ODOMETER	VISUAL & FUNCTIONAL					
	[3] BATTERY GENERATOR (VOLT METER) - GREEN RANGE WHEN OPERATING AT HIGH IDLE (1350 RPM), NO LOAD.	VISUAL & FUNCTIONAL					
	[4] ENGINE TEMPERATURE (NORMAL OPERATING ZONE)	VISUAL & FUNCTIONAL					
	[5] PRIMARY AIR PRESSURE INDICATOR READING - GREEN ZONE FOR NORMAL OPERATION.	VISUAL & FUNCTIONAL					
	[6] SECONDARY AIR PRESSURE INDICATOR READING - GREEN ZONE FOR NORMAL OPERATION.	VISUAL & FUNCTIONAL					
	[7] AIR CLEANER SERVICE INDICATOR - MUST NOT BE IN RED ZONE	VISUAL					
<b>03B</b>	<b>HEATER/DEFROSTER FUNCTIONAL TEST AT AMBIENT TEMPERATURE. REF 4.7.60</b>						
	ALL SWITCH SETTINGS OPERATE PROPERLY, AIR DUCTS, RODS AND CONTROL DUCTS FUNCTIONAL. AIR WARMS UP. CHECK FOR LEAKS - NONE ALLOWED.	VISUAL & FUNCTIONAL					
<b>04B</b>	<b>ENGINE PERFORMANCE</b>						
	A. IDLE SWITCH - LOW/HIGH	VISUAL & FUNCTIONAL					
	B. UNUSUAL NOISE - IDLING AND HIGH - NONE PERMITTED.	AUDITORY					
	C. EXHAUST PIPE AND MUFFLER LEAKS - NONE PERMITTED.	AUDITORY					

## FMTV -- FINAL INSPECTION RECORD, A1 MODELS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RE-CHECK	GOVT QAR
05B	<b>CENTRAL TIRE INFLATION SYSTEM</b> SPEED/PRESSURE CONTROL WARNING TEST [REF. L.4.5] PANEL LIGHT SHALL ACTIVATE WHEN VEHICLE SPEED EXCEEDS THE MAXIMUM ALLOWABLE SPEED FOR EACH SETTING (LIGHT SHALL NOT ACTIVATE WHEN IN THE BLACKOUT MODE). AFTER ONE MINUTE, THE SYSTEM SHALL AUTOMATICALLY INFLATE TO THE APPROPRIATE PRESSURE.	VISUAL & FUNCTIONAL					
06B	<b>CENTRAL TIRE INFLATION SYSTEM [C.T.I.S]</b> <b>REF. L.4.6</b> <b>A.</b> AIR PRIORITY SYSTEM TEST. [REF. L.4.4] WITH THE WET TANK VALVE OPEN, VEHICLE'S BRAKE SYSTEM AIR PRESSURE SHALL BE MAINTAINED. <b>B.</b> VERIFY TIRE PRESSURE CROSS COUNTRY SETTING, LMTV 30 - 36 PSI, MTV CARGO 34 - 40 PSI, WRECKER & TRACTOR 51 - 57 PSI IS MAINTAINED.	FUNCTIONAL					
		FUNCTIONAL					
07B	<b>INHIBITOR SYSTEM TEST [REF. 4.7.49.2]</b>  THE VEHICLE SHALL BE TESTED FOR INHIBITING THE DRIVER SHIFTING IN TO REVERSE OR FOR DOWN SHIFTING THAT OVER SPEEDS OR DAMAGES THE ENGINE, TRANSMISSION OR DRIVE TRAIN COMPONENTS.	FUNCTIONAL					
08B	<b>TEST TO DETERMINE TRANSMISSION ENGAGEMENT, WITH PTO ON AND OFF. PTO [IF FITTED] REQUIREMENT ONLY.</b>  CHECK TRANSMISSION ENGAGEMENT AND PTO SWITCH - WITH PTO ON, TRANSMISSION <b>SHOULD NOT</b> ENGAGE. WITH PTO OFF AND TRANSMISSION ENGAGED, PTO <b>SHOULD</b> OPERATE	FUNCTIONAL					

## FMTV -- FINAL INSPECTION RECORD, A1 MODELS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RE-CHECK	GOVT QAR
09B	<b>INVERSION VALVE TEST AND PRIMARY &amp; SECONDARY AIR TANK, CHECK VALVE TEST.</b> <b>A.</b> START ENGINE UNTIL AIR PRESSURE READS FULL. STOP ENGINE, OPEN DRAIN VALVE ON WET TANK, TURN ON IGNITION SWITCH, <u>DO NOT RE-START ENGINE</u> . PRIMARY AND SECONDARY AIR GAGES SHOULD REMAIN CHARGED.  <b>B.</b> OPEN DRAIN VALVE ON PRIMARY AIR TANK. , REAR AIR PRESSURE GAGE SHOULD READ AT APPROX. ZERO. FRONT GAGE SHOULD READ FULL, VISUALLY VERIFY REAR SPRING BRAKES ARE APPLIED. DEPRESS BRAKE PEDAL, REAR BRAKES SHOULD APPLY THROUGH INVERSION VALVE.	FUNCTIONAL & VISUAL					
		FUNCTIONAL & VISUAL					
10B	<b>BRAKE BURNISHING</b> OPERATION COMPLETED PER WORK INSTRUCTIONS.	FUNCTIONAL					
11B	<b>SERVICE BRAKE TEST</b> SERVICE BRAKES SHALL CONTROL, DECELERATE AND STOP THE VEHICLE WITHIN A MEASURED BRAKING DISTANCE OF 30 FEET FROM A SPEED OF 20 MPH ON A DRY, LEVEL AND HARD SURFACE ROAD. VEHICLE MUST TRAVEL A STRAIGHT LINE WHEN SERVICE BRAKES ARE APPLIED. A TOTAL OF 3 STOPS SHALL BE PERFORMED TO ASSURE COMPLIANCE.  <b>NOTE:-</b> FOR SERVICE BRAKE TEST, CHASSIS VARIANTS SHALL BE OPERATED AT A SPEED NOT TO EXCEED 10 MPH, STOPPING DISTANCES DO NOT APPLY.  <b>NOTE:-</b> CHASSIS VARIANTS SHALL ONLY BE OPERATED ON THE 22% GRADE, PARKING/EMERGENCY BRAKE TEST. THEY SHALL NOT BE OPERATED ON THE 30%, 60% GRADES AND SIDE SLOPES.	FUNCTIONAL					
12B	<b>GRADE AND SLOPE OPERATION</b> DURING THE GRADE AND SLOPE OPERATIONS, THE VEHICLE SHALL BE SHUT DOWN AND RESTARTED A MINIMUM OF TWO TIMES IN EACH DIRECTION WITH A MINIMUM OF ONE MINUTE DURING SHUTDOWNS.	FUNCTIONAL					

## FMTV -- FINAL INSPECTION RECORD, A1 MODELS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RE-CHECK	GOVT QAR
	THE VEHICLE SHALL BE CHECKED FOR EVIDENCE OF STALLING, SLIPPING, OVERHEATING, UPSETTING, HESITATION, LEAKING OF FUELS, LUBRICANTS OR COOLANTS, NO LOSS OF MOBILITY OR STABILITY AND NO LOSS OF FUEL SUPPLY TO THE ENGINE.						
<b>13B</b>	<b>SERVICE BRAKE TEST</b> THE VEHICLE SHALL BE OPERATED ON THE 60% GRADE. APPLY SERVICE BRAKE, SERVICE BRAKE SHALL HOLD AND CONTROL THE VEHICLE WHEELS FROM ROTATING.	FUNCTIONAL					
<b>14B</b>	<b>PARKING BRAKE/EMERGENCY BRAKE TEST</b> VEHICLE SHALL BE OPERATED ON THE 30% GRADE, (22% FOR THE LMTV CARGO & LMTV CHASSIS, REF. E.33.1) APPLY PARKING BRAKE, PARKING BRAKE SHALL HOLD THE VEHICLE WHEELS FROM ROTATING. <b>CAUTION:</b> CARE SHOULD BE TAKEN WHEN OPERATING THE CHASSIS ON THE 22% GRADE, THE CHASSIS MAY TWIST OR BEND ON THE SLOPE.	VISUAL & FUNCTIONAL					
<b>15B</b>	<b>SLIDE SLOPE TEST. [REF.4.7.1]</b> THE VEHICLE SHALL BE OPERATED ON THE 30% SIDE SLOPE. THE VEHICLE SHALL BE CAPABLE OF STARTING AND STOPPING ITS ENGINE WHILE ON AND TRAVERSING THE SIDE SLOPES.	FUNCTIONAL					
<b>16B</b>	<b>STEERING WHEEL</b> PROPERLY ALIGNED AND SECURED. COVER INSTALLED, SECURED.	VISUAL & TACTILE					
<b>17B</b>	<b>LEAKS/DAMAGE</b> <b>A.</b> FOLLOWING THE FUNCTIONAL ROAD TEST, THE VEHICLE SHALL BE STOPPED AND THE ENGINE ALLOWED TO IDLE FOR NOT LESS THAN 5 MINUTES. AT THIS TIME A WALK - AROUND INSPECTION SHALL BE						



## FMTV -- FINAL INSPECTION RECORD, A1 MODELS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RE-CHECK	GOVT QAR
	THE ENGINE COMPARTMENT, UNDERSIDE OF VEHICLE AND AXLE ENDS SHALL BE EXAMINED FOR LEAKS OF COOLANT, OIL, FUEL OR GREASE AND LOOSE COMPONENTS.	VISUAL					
	B. THE CAB, BODY AND UNDERSIDE SHALL BE EXAMINED FOR DAMAGED PARTS AND CHIPPED PAINT DAMAGE.	VISUAL					
18B	<b>LIMP HOME</b> START VEHICLE AND RUN FOR MINIMUM 30 SECONDS. FOLLOW THE FINAL PREPARATION INSTRUCTIONS FOR SYSTEM VERIFICATION. THE SYSTEM IS VERIFIED WHEN THE BATTERY DISCONNECT LED LIGHT IS ON AND THE VEHICLE IS RUNNING.	VISUAL & FUNCTIONAL					
19B	<b>BATTERY DISCONNECT SYSTEM</b> VERIFY ALL SYSTEM SWITCHES <u>MANUAL BATTERY SWITCH</u> , <u>MASTER SWITCH</u> , AND <u>REMOTE SWITCH</u> . VERIFYING NO POWER FROM EACH DISCONNECT SWITCH SHOWS SYSTEM FUNCTION CHECK.	FUNCTIONAL					
20B	<b>REMOTE START SYSTEM</b> VERIFY FUNCTION BY TURNING ON THE REMOTE SWITCH, START WITH REMOTE SWITCH, STOP BY REMOTE SWITCH, AND SWITCH ON BATTERY DISCONNECT SWITCH (TRY FUNCTIONS) TO VERIFY NO POWER TO CONFIRM PROPER WIRING.	FUNCTIONAL					
21B	<b>12 / 24 VOLT INDICATOR GAGE.</b> THE FUNCTION OF THE GAGE IS VERIFIED BY SWITCHING ON IGNITION AND PRESS 12 VOLT SWITCH (NEEDLE WILL MOVE TO 12 VOLT READING), TURN ON IGNITION AND PRESS 12 VOLT SWITCH (NEEDLE WILL MOVE TO 12 VOLT READING).	VISUAL & FUNCTIONAL					

# FMTV, A1 -- FINAL INSPECTION RECORD, CONTROL TESTS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACCEPT	REJECT	N/A	RE-CHECK	GOVT QAR
	UNLESS OTHERWISE SPECIFIED, QUALITY CONFORMANCE INSPECTIONS [QCI] SHALL BE COMPLETED PRIOR TO THE COMMENCEMENT OF THE CONTROL TESTS. THESE TESTS ARE TO BE CONDUCTED ON A VEHICLE SELECTED BY THE GOVERNMENT QAR FROM EACH TWO [2] WEEKS PRODUCTION QUANTITY.  <b>CONTROL TESTS DO NOT APPLY TO CHASSIS VARIANTS.</b>						
1101	<b>50 MILE TEST. [REF.4.5.2]</b> THE TEST VEHICLES SHALL BE FULLY EQUIPPED WITH EITHER ACTUAL OR SIMULATED PAYLOAD AND WHERE REQUIRED THE APPLICABLE FULLY LOADED TRAILER, AND SHALL BE OPERATED FOR A DISTANCE OF NOT LESS THAN 50 MILES ON THE RELATIVE LEVEL, HARD SURFACED TEST TRACK. THE WRECKER SHALL BE TESTED BY TOWING ANOTHER WRECKER.	FUNCTIONAL					
1102	<b>STEERING AND HANDLING TEST [REF. 4.7.2]</b>  <b>A.</b> STEERING OPERATION - TURN WHEEL FULL RIGHT AND FULL LEFT - NO BINDING OR INTERFERENCE. FRONT WHEELS SHALL BE TURNED TO THE MAXIMUM RIGHT AND LEFT POSITIONS TO ASSURE THAT THE TURNING ANGLE IS MET. CHECK POWER STEERING FOR LEAKS - NONE ALLOWED.  <b>B.</b> THE VEHICLE SHALL BE TESTED TO PERFORM A TURNING CIRCLE OF WALL-TO-WALL RADIUS OF NO MORE THAN 35 FEET FOR THE LMTV AND 40 FEET FOR THE MTV WITHOUT INTERFERENCE.  <b>C.</b> THE VEHICLE, MUST NEGOTIATE A STANDARD NATO 24 X 24 FOOT ROAD INTERSECTING AT 90 DEGREES.	FUNCTIONAL & VISUAL					
		FUNCTIONAL					
		FUNCTIONAL					

# FMTV, A1 -- FINAL INSPECTION RECORD, CONTROL TESTS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACCEPT	REJECT	N/A	RE-CHECK	GOVT QAR
	<b>B. C.T.I.S STEP DOWN TEST. [Ref. L.4.6]</b>  SET THE SELECTOR SWITCH ON EACH OF THE VEHICLE SPEED CONDITIONS SHOWN AND VERIFY THAT THE TIRE INFLATION PRESSURE IS ACHIEVED AND MAINTAINED AS FOLLOWS :- <b>LMTV</b> HIGHWAY - 55.0 +/- 3 PSI CROSS COUNTRY - 33.0 +/- 3 PSI SAND - 20 +/- 3 PSI EMERGENCY - 14.0 +/- 3 PSI  <b>MTV CARGO</b> HIGHWAY - 60.0 +/- 3 PSI CROSS COUNTRY - 37.0 +/- 3 PSI SAND - 22 +/- 3 PSI EMERGENCY - 16.0 +/- 3 PSI  <b>MTV WRECKER/TRACTOR</b> HIGHWAY - 81.0 +/- 3 PSI CROSS COUNTRY - 54.0 +/- 3 PSI SAND - 32 +/- 3 PSI EMERGENCY - 24.0 +/- 3 PSI	CERTIFIED CALIBRATE D AIR GAGE					
	<b>C. INFLATION/DEFLATION TIME TEST [REF. L.4.8]</b> THE C.T.I.S INFLATION AND DEFLATION REQUIREMENTS SHALL BE CAPABLE OF OPERATING WITHIN THE TIME CONSTRAINTS AS LISTED BELOW, SHOWING THE MAXIMUM TIME ALLOWED TO COMPLETE THE OPERATION [MINUTES:SECONDS]  WITH THE ENGINE AT HIGH IDLE, DEFLATE TIRES. C.T.I.S ECU MUST DISPLAY A SOLID RED LIGHT AT THE SPECIFIED MODE BEFORE STARTING TEST. WHEN BRAKE PRESSURE IS AT 100 PSI MIN., SELECT MODE AND START TIME TEST. AT THE MAXIMUM TIME SPECIFIED FOR THE SELECTED MODE, SHUT OFF ENGINE AND MEASURE TIRE PRESSURE.	CALIBRATE D AIR GAGE & STOP WATCH					

REPEAT ABOVE PROCEDURE FOR INFLATION TIME.

# FMTV, A1 -- FINAL INSPECTION RECORD, CONTROL TESTS

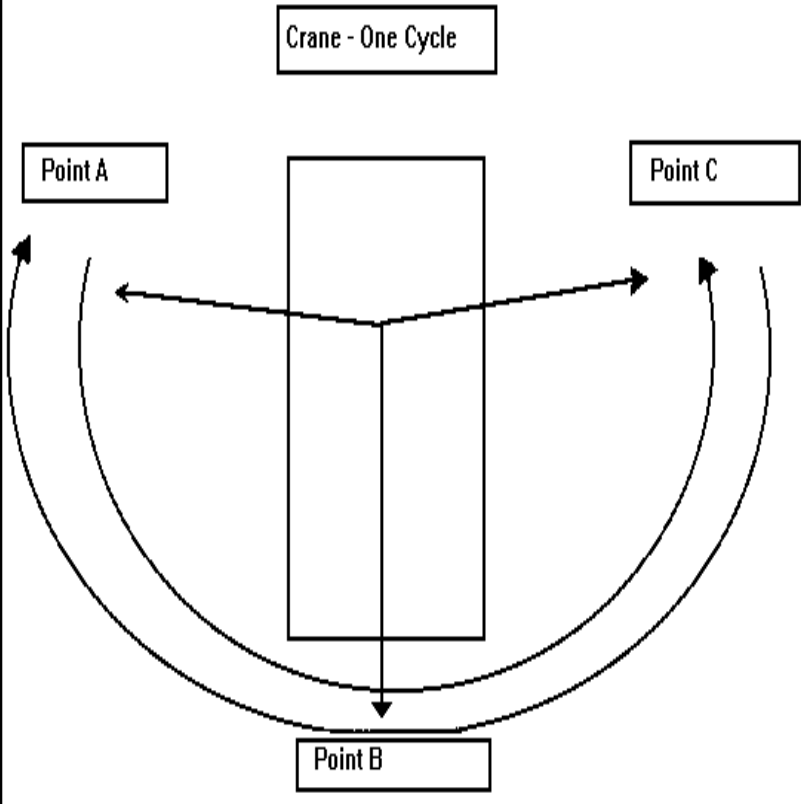
ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACCEPT	REJECT	N/A	RE-CHECK	GOVT QAR																																
<table border="1" style="width: 100%; border-collapse: collapse; margin-bottom: 10px;"> <thead> <tr> <th style="width: 40%;">INFLATION FROM - TO</th> <th style="width: 15%;">Time Desired</th> <th style="width: 15%;">Max. Time Allowed</th> <th style="width: 30%;">Nominal Time Tractor    Wrecker</th> </tr> </thead> <tbody> <tr> <td>CROSS-COUNTRY - HIGHWAY</td> <td style="text-align: center;">4:00</td> <td style="text-align: center;">6:00</td> <td style="text-align: center;">9:00</td> </tr> <tr> <td>MUD/SNOW - CROSS-COUNTRY</td> <td style="text-align: center;">2:00</td> <td style="text-align: center;">3:00</td> <td style="text-align: center;">7:00</td> </tr> <tr> <td>EMERGENCY - MUD/SNOW</td> <td style="text-align: center;">1:30</td> <td style="text-align: center;">2:00</td> <td style="text-align: center;">2:30</td> </tr> <tr> <th>DEFLATION FROM</th> <th>TIME DESIRED</th> <th>Max. Time Allowed</th> <th>Max. Time Allowed</th> </tr> <tr> <td>HIGHWAY - CROSS-COUNTRY</td> <td style="text-align: center;">3:00</td> <td style="text-align: center;">4:00</td> <td style="text-align: center;">4:00</td> </tr> <tr> <td>CROSS-COUNTRY - MUD-SNOW</td> <td style="text-align: center;">2:00</td> <td style="text-align: center;">3:00</td> <td style="text-align: center;">3:00</td> </tr> <tr> <td>MUD/SNOW - EMERGENCY</td> <td style="text-align: center;">2:00</td> <td style="text-align: center;">3:00</td> <td style="text-align: center;">3:00</td> </tr> </tbody> </table>								INFLATION FROM - TO	Time Desired	Max. Time Allowed	Nominal Time Tractor    Wrecker	CROSS-COUNTRY - HIGHWAY	4:00	6:00	9:00	MUD/SNOW - CROSS-COUNTRY	2:00	3:00	7:00	EMERGENCY - MUD/SNOW	1:30	2:00	2:30	DEFLATION FROM	TIME DESIRED	Max. Time Allowed	Max. Time Allowed	HIGHWAY - CROSS-COUNTRY	3:00	4:00	4:00	CROSS-COUNTRY - MUD-SNOW	2:00	3:00	3:00	MUD/SNOW - EMERGENCY	2:00	3:00	3:00
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1104	<b>CENTRAL TIRE INFLATION SYSTEM [C.T.I.S] - MAINTENANCE OF TIRE PRESSURE. REF. L.4.6</b>  A. WITH THE AIR SYSTEM FULLY CHARGED AND THE ENGINE OFF, CHECK TIRE PRESSURES AND RECORD. ALLOW VEHICLE TO SIT FOR A MINIMUM OF 24 HOURS AND RE-CHECK. <b>NOTE: CHECK TIRES COLD.</b> 3% MAXIMUM PRESSURE LOSS IS ACCEPTABLE, GAS LAW PRESSURE/TEMPERATURE RELATIONS WILL APPLY.	CALIBRATE D AIR GAGE																																					
	TIRE/WHEEL	FIRST READING	24 HOURS AFTER																																				
	ROAD SIDE FRONT																																						
	ROAD SIDE INTERMEDIATE (MTV)																																						
	ROAD SIDE REAR																																						
	CURB SIDE FRONT																																						
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	CURB SIDE REAR																																						
1105	<b>SERVICE BRAKE TEST [REF. 4.7.10.1]</b> SERVICE BRAKES SHALL CONTROL, DECELERATE AND STOP THE VEHICLE [AT GVW] WITHIN A MEASURED BRAKING DISTANCE OF 30 FEET FROM A SPEED OF 20 MPH ON A DRY, LEVEL AND HARD SURFACE ROAD. VEHICLE MUST TRAVEL A STRAIGHT LINE WHEN SERVICE BRAKES ARE APPLIED.  A TOTAL OF 3 STOPS SHALL BE PERFORMED TO ASSURE REQUIREMENTS.	FUNCTIONA L																																					

# FMTV, A1 -- FINAL INSPECTION RECORD, CONTROL TESTS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACCEPT	REJECT	N/A	RE-CHECK	GOVT QAR
1106	<b>GRADE AND SLOPE OPERATION [REF. 4.7.1]</b>  DURING GRADE AND SLOPE OPERATIONS, THE VEHICLE ENGINE SHALL BE SHUT DOWN AND RESTARTED A MINIMUM OF TWO TIMES IN EACH DIRECTION [FORWARD, BACKWARD AND BOTH SIDES] WITH A MINIMUM OF ONE MINUTE DURING SHUTDOWNS.  THE VEHICLE SHALL BE CHECKED FOR EVIDENCE OF STALLING, SLIPPING, OVERHEATING, UPSETTING, HESITATION, LEAKING OF FUELS, LUBRICANTS OR COOLANTS, NO LOSS OF MOBILITY OR STABILITY AND NO LOSS OF FUEL SUPPLY TO THE ENGINE. <b>NOTE:- CHASSIS VARIANTS SHALL NOT BE OPERATED ON THE GRADES OR SLOPES.</b>	FUNCTIONAL & VISUAL					
1107	<b>SERVICE BRAKE TEST [REF. 4.7.10.1]</b> THE VEHICLE [AT GVW] SHALL BE OPERATED ON THE 60% GRADE. APPLY SERVICE BRAKE, SERVICE BRAKE SHALL HOLD AND CONTROL THE VEHICLE.	FUNCTIONAL					
1108	<b>PARKING BRAKE/EMERGENCY BRAKE TEST. [REF. 4.7.10.2 AND 4.7.10.3]</b> VEHICLE [AT GCW] SHALL BE OPERATED ON THE 30% GRADE, APPLY PARKING BRAKE. PARKING BRAKE SHALL HOLD THE VEHICLE WHEELS FROM ROTATING. WHEN DESCENDING THE 30% SLOPE, PLACE THE TRANSMISSION IN NEUTRAL, RELEASE THE SERVICE BRAKE AND WHEN THE VEHICLE IS IN FULL MOTION APPLY THE PARKING BRAKE. PARKING BRAKE SHALL HOLD THE VEHICLE WHEELS FROM ROTATING. <b>CAUTION !</b> THE WRECKER AND TRACTOR WILL BE TESTED ON THE 30% SLOPE IN THE SAME MANNER AS ABOVE TO ASSURE PROPER ENGINE AND BRAKE OPERATION. HOWEVER THEY WILL NOT BE CONNECTED TO A TOWED LOAD.	FUNCTIONAL					

FMTV, A1 -- FINAL INSPECTION RECORD, CONTROL TESTS							
ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACCEPT	REJECT	N/A	RE-CHECK	GOVT QAR
1109	<b>SIDE SLOPE TEST [REF. 4.7.1]</b> THE VEHICLE [AT GVW] SHALL BE OPERATED ON THE 30% SIDE SLOPE. THE VEHICLE SHALL BE CAPABLE OF STARTING AND STOPPING ITS ENGINE WHILE ON AND TRAVERSING TO SIDE SLOPES.	FUNCTIONAL					
1110	<b>22% LONGITUDINAL SLOPE TEST - WRECKER AND TRACTOR [REF. 4.7.10.2]</b>  THE WRECKER AND TRACTOR WITH THEIR DESIGNATED TOWED LOADS, SHALL BE TESTED EXACTLY IN THE SAME MANNER AS THE 30% LONGITUDINAL SLOPE ABOVE  <b>DO NOT ATTEMPT TO STOP THE VEHICLE USING THE EMERGENCY BRAKE SYSTEM.</b>	FUNCTIONAL					
1111	<b>WRECKER MATERIAL HANDLING FUNCTIONAL CHECK [REF.E.4.3]</b>  <u><b>CAUTION:</b></u> MAINTAIN VISUAL CONTACT WITH THE LOAD TO ENSURE IT DOES NOT CONTACT ANY PART OF THE VEHICLE.  <b>A.</b> THE CRANE SHALL BE OPERATED USING ALL CONTROLS, INCLUDING THE REMOTE CONTROL. THE CRANE SHALL BE OPERATED FOR A MINIMUM OF 40 CYCLES (30 CYCLES IF PERFORMED DURING QCI) WITH A 5,000 LB. LOAD.  THE LOAD SHALL BE RAISED AND LOWERED A MINIMUM OF 5 FT. AT POINTS A, B AND C OF THE CRANE CYCLE.  <b>B.</b> THE CRANE AND HYDRAULIC SYSTEM SHALL BE CHECKED FOR LEAKS, CHAFING AND PROPER OPERATION OF THE CONTROLS. THE CABLE SHALL BE INSPECTED FOR KINKS, BIRD NEST, PROPER SPOOLING, AND OTHER RELATED DEFECTS CAUSED BY IMPROPER SPOOLED CABLE.	VISUAL & FUNCTIONAL					
		VISUAL & FUNCTIONAL					

# FMTV, A1 -- FINAL INSPECTION RECORD, CONTROL TESTS

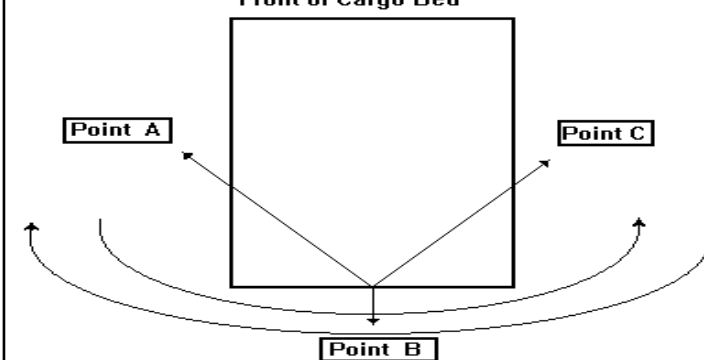
ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACCEPT	REJECT	N/A	RE-CHECK	GOVT QAR
							
1112	<b>WRECKER MAIN RECOVERY WINCH SYSTEM.</b> <b>REF. E.4.11</b> THE MAIN WINCH SYSTEM SHALL BE FUNCTIONALLY OPERATED AND TESTED FOR LINE PULL CAPACITY OF 30,000 LB (13600 KG) +/- 10% . AFTER TESTING, THE WINCH SHALL BE EXAMINED FOR DAMAGE AND CABLE CHECKED FOR FRAYING. THE WINCH CABLE SHALL BE PROPERLY WOUND, FREE OF CORROSION, BIRD NESTING, TWIST, KINKS AND OTHER DEFECTS CAUSED BY IMPROPERLY SPOOLED CABLE.	FUNCTIONAL					
		VISUAL & FUNCTIONAL					
1113	<b>WRECKER, OVERLOAD SHUTDOWN SYSTEM TEST, REF. E.4.7</b> <b>A.</b> THE SYSTEM SHALL INITIATE SHUTDOWN OF THE CRANE'S FUNCTIONS, EXCEPT FOR FUNCTIONS WHICH WOULD REDUCE OR ALLEVIATE THE OVERLOAD CONDITION WHEN ANY CRANE MOVEMENT CAUSES THE MOMENT ON THE CRANE TO EXCEED 110% OF THE CRANE'S RATED CAPACITY.	FUNCTIONAL					

# FMTV, A1 -- FINAL INSPECTION RECORD, CONTROL TESTS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACCEPT	REJECT	N/A	RE-CHECK	GOVT QAR
1114	<b>WRECKER LIFTING/TOWING TEST REF. E.4.2</b>  <b>SHUTDOWN SHALL BE COMPLETED WITHIN A PERIOD OF TIME SUCH THAT A LOAD EXCEEDING 110% OF THE CRANES RATED CAPACITY CANNOT BE LIFTED TO A HEIGHT OF MORE THAN 12 INCHES ABOVE GROUND LEVEL WHEN LIFTED AT MAXIMUM WINCH SPEED.</b> <b>LOADS OF 150% OF THE CRANE'S RATED CAPACITY SHALL NOT LEAVE THE GROUND.</b>  <b>B. THE CRANE'S BRAKING SHALL MAINTAIN VERTICAL DOWNWARD CREEP NOT TO EXCEED ONE INCH, THIRTY (30) MINUTES AFTER STABILIZATION WITH MAXIMUM LOAD AT MAXIMUM LIFT RADIUS.</b> <b>C. DIRECTIONAL CONTROL VALVES SHALL PERMIT OPERATING A MINIMUM OF TWO FUNCTIONS SIMULTANEOUSLY.</b>  <b>NOTE:- IF THIS TEST IS PERFORMED DURING QCI, IF ACCEPTED, THIS CONTROL TEST IS NOT REQUIRED.</b>  <b>A. ANOTHER VEHICLE SHALL BE HOOKED TO THE WRECKER STINGER. THE VEHICLE SHALL BE RAISED FROM THE GROUND TO THE TOW POSITION 5 TIMES.</b>  <b>B. EXAMINE HYDRAULIC CYLINDER AND LINES FOR LEAKS - NONE ALLOWED.</b>	CERTIFIED WEIGHTS					
		FUNCTIONAL					
		FUNCTIONAL					
		FUNCTIONAL					
1115	<b>CARGO COVER SOFT TOP KIT [REF.O.4.2]</b>  THE VEHICLE SHALL BE CHECKED FOR THE INSTALLATION OF THE CARGO COVER SOFT TOP KIT, TO ASSURE THAT THE BOWS, SUPPORTS AND COVER CAN BE READILY INSTALLED. THE INSIDE VERTICAL HEIGHT SHALL MEASURE A MINIMUM OF 54 INCHES [137cm] FROM THE CARGO BED, MEASURED AT THE DROPSIDES. REAR AND SIDE PANELS SHALL BE CHECKED FOR ROLL-UP AND TIE-UP CAPABILITY.	VISUAL					
		FUNCTIONAL & VISUAL					



# FMTV, A1 -- FINAL INSPECTION RECORD, CONTROL TESTS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACCEPT	REJECT	N/A	RE-CHECK	GOVT QAR
1116	<b>DUMP BODY, ATTACHMENTS CHECK (B.4.3)</b> THE DUMP BODY SHALL BE CHECKED FOR THE ACCEPTANCE OF SIDE RACKS, TARPULIN, BOWS, END CURTAINS AND TROOP SEATS FOR THE DUAL APPLICATION AS A PERSONNEL CARRIER	VISUAL & FUNCTIONAL					
1117	<b>MTV CRANE, LOCATION AND CAPABILITY [REF. A.4.4]</b> <b>CAUTION:</b> MAINTAIN VISUAL CONTACT AT ALL TIMES WITH LOAD TO ENSURE NO CONTACT WITH ANY PART OF THE VEHICLE.  THE MATERIAL HANDLING EQUIPMENT [MHE] SHALL BE OPERATED USING ALL CONTROLS AND REMOTE. THE CRANE SHALL BE OPERATED FOR A MINIMUM OF 40 CYCLES (30 CYCLES IF 10 PERFORMED DURING QCI). THE SYSTEM SHALL BE CHECKED FOR LEAKS, CHAFING AND PROPER OPERATION OF THE CONTROLS.  ONE CYCLE FOR THIS TEST IS DEFINED AS RAISING AND LOWERING A 2,500 LB. WEIGHT AT THREE DIFFERENT POINTS DURING A COMPLETE TRAVERSE OF THE CRANE. THE WEIGHT SHALL BE RAISED 5 FEET FROM THE GROUND DURING EACH LIFT WITHOUT TOUCHING ANY PART OF THE VEHICLE.	TEST WEIGHTS VISUAL & FUNCTIONAL					
<div><p><b>CRANE - One Cycle</b></p><p>Front of Cargo Bed</p></div>							

# FMTV, A1 -- FINAL INSPECTION RECORD, CONTROL TESTS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACCEPT	REJECT	N/A	RE-CHECK	GOVT QAR
1118	<b>MTV CRANE, LINE LOAD WINCH TEST. REF. A.4.4.8</b> <b>A.</b> THE CRANE SHALL HAVE THE CAPACITY OF LOWERING OR RAISING A 5,000 LB LOAD AT A SPEED NOT LESS THAN 30 FT/MIN. NO LESS THAN TWO FULL WRAPS OF ROPE SHALL BE REMAINING ON THE HOOK LINE DRUM WHEN THE HOOK IS IN THE EXTREME THE BOOM AT MAXIMUM EXTENSION IN THE MOST UPRIGHT POSITION THE WINCH SHALL BE OPERABLE BY THE FIXED AND REMOTE CONTROLS FOR THE CRANE	FUNCTIONAL					
	<b>B.</b> THE CRANE SHALL BE CHECKED FOR FOLDING INTO THE STOWED POSITION. THE CABLE SHALL DISTRIBUTE EVENLY AND TIGHTLY OVER THE WIDTH OF THE SPOOL WHILE WINCHING IN AND OUT.	FUNCTIONAL					
1119	<b>MTV CRANE, OVERLOAD SHUTDOWN SYSTEM TEST, REF. A. 4.4.3 &amp; A.4.4.7</b> <b>A.</b> THE SYSTEM SHALL INITIATE SHUTDOWN OF THE CRANE'S FUNCTIONS, EXCEPT FOR FUNCTIONS WHICH WOULD REDUCE OR ALLEVIATE THE OVERLOAD CONDITION WHEN ANY CRANE MOVEMENT CAUSES THE MOMENT ON THE CRANE TO EXCEED 110% OF THE CRANE'S RATED CAPACITY.  SHUTDOWN SHALL BE COMPLETED WITHIN A PERIOD OF TIME SUCH THAT A LOAD EXCEEDING 110% OF THE CRANES RATED CAPACITY CANNOT BE LIFTED TO A HEIGHT OF MORE THAN 18 INCHES ABOVE GROUND LEVEL WHEN LIFTED AT MAXIMUM WINCH LOADS OF 150% OF THE CRANE'S RATED CAPACITY SHALL NOT LEAVE THE GROUND.	FUNCTIONAL					
	<b>B.</b> THE CRANE' BRAKING SYSTEM SHALL MAINTAIN VERTICAL DOWNWARD CREEP NOT TO EXCEED ONE INCH, THIRTY (30) MINUTES AFTER STABILIZATION WITH MAXIMUM LOAD, BOOM AT MAXIMUM EXTENSION.	FUNCTIONAL					
	<b>C.</b> DIRECTIONAL CONTROL VALVES SHALL PERMIT OPERATING A MINIMUM OF TWO FUNCTIONS SIMULTANEOUSLY.	FUNCTIONAL					

# FMTV, A1 -- FINAL INSPECTION RECORD, CONTROL TESTS

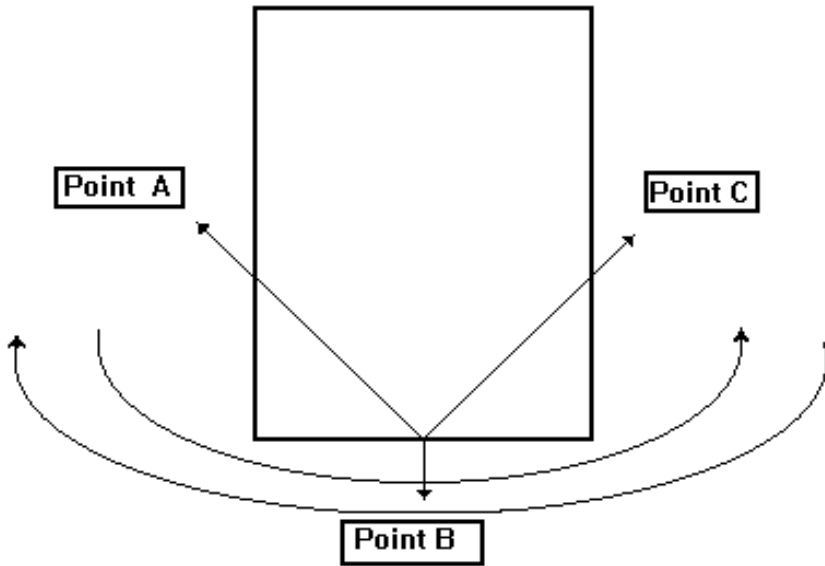
ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACCEPT	REJECT	N/A	RE-CHECK	GOVT QAR
1120	<b>MTV CRANE STABILIZING SYSTEM [REF.</b> THE OUTRIGGERS SHALL BE CHECKED FOR POSITIVE RETENTION IN THE STOWED POSITION. LEGS SHALL BE EXTENDED AND CHECKED FOR LEVELING, CHECK FOR LEAKS - NONE ALLOWED.	VISUAL & FUNCTIONAL					
1121	<b>SIDE MOUNTED RECOVERY WINCH [REF.</b> <b>A.</b> THE WINCH SHALL BE TESTED FOR LINE PULL OF 10,000 LB (4536KG.) +/- 10% (LMTV), AND 15,5000 LB. (6804 KG.) +/- 10% (MTV) FROM A BARE DRUM 1st. LAYER (AND NOT LESS THAN 50% OF THAT FORCE FROM THE TOP LAYER) WITH A MINIMUM LINE SPEED OF 15 ft./min. (.5 m) FROM A BARE DRUM. AFTER TESTING , THE WINCH SHALL BE EXAMINED FOR DAMAGE AND THE CABLE SHALL BE CHECKED FOR FRAYING.	FUNCTIONAL & VISUAL					
1122	<b>VEHICLE HEIGHT CHECK. [AIR TRANSPORTABILITY]</b> <b>A.</b> EMPTY TRUCK WITH TIRES AT AIR TRANSPORT MODE AND CAB KNEELED CHECK OVERALL HEIGHT.	CERTIFIED HEIGHT GAUGE					
	<b>B.</b> KNEELING CHAINS - ENGAGE/DISENGAGE FREELY.	FUNCTIONAL & VISUAL					
1123	<b>M16 OR M4 RIFLE MOUNTS [REF.4.7.78]</b> THE RIFLE MOUNTS/BRACKETS SHALL BE CHECKED FOR THE ABILITY TO HOLD THREE [3] M16 OR M4 RIFLES.	FUNCTIONAL					
1124	<b>IGNITION SWITCH CHECK (REF. 4.7.75)</b> THE VEHICLE IGNITION SWITCH SHALL BE TESTED TO ENSURE THAT THE IGNITION SWITCH MOMENTARILY DISCONNECTS POWER TO THE COMMUNICATION RADIO CONNECTOR DURING STARTING.	TEST EQUIPMENT					
1125	<b>STEERING LOCK (REF. 4.7.57)</b> THE STEERING LOCK SHALL BE CHECKED TO ENSURE ITS INTENDED PURPOSE CAN BE ACCOMPLISHED WITH A PADLOCK AND KEY.	FUNCTIONAL					
1126	<b>TEST EQUIPMENT TEST (REF. 4.7.39)</b>						

# FMTV, A1 -- FINAL INSPECTION RECORD, CONTROL TESTS

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACCEPT	REJECT	N/A	RE-CHECK	GOVT QAR
1127	THE BUILT IN TEST EQUIPMENT (BITE) DIAGNOSTIC CONNECTOR ASSEMBLY SHALL BE TESTED IN CONJUNCTION WITH A BITE UNIT TO DETERMINE PROPER FUNCTION AND COMPATIBILITY. THE ANTI-LOCK BRAKE SYSTEM (ABS) SHALL BE CHECKED USING THE PROLINK	VISUAL & FUNCTIONAL					
	THE WABCO ANTI-LOCK BRAKING SYSTEM (ABS) SHALL BE CHECKED FOR ACTIVE AND STORED FAULT CODES.	PROLINK					

FINAL INSPECTION RECORD, FMTV A1, MTV CRANE							
ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RE-CHECK	GOVT QAR
01	<b>DECALS - PROPERLY AFFIXED AND</b>						
	<b>A. "OUTRIGGERS MUST BE FULLY EXTENDED" ETC</b>	VISUAL					
	<b>B. "KEEP FEET CLEAR" ETC.</b>	VISUAL					
	<b>C. "WARNING - ELECTROCUTION HAZARD" ETC.</b>	VISUAL					
	<b>D. "ELECTRONIC EQUIPMENT" ETC.</b>	VISUAL					
	<b>E. "WARNING - DO NOT ATTEMPT OPERATION" ETC.</b>	VISUAL					
02	<b>F. "WARNING - THIS MACHINE NOT EQUIPPED WITH" ETC.</b>	VISUAL					
	<b>REMOTE CONTROL ELECTRICAL OUTLET AND CHAIN</b>						
03	<b>A. ELECTRICAL POWER SWITCH AND DECAL - SECURED.</b>	VISUAL					
	<b>REMOTE CONTROL ASSEMBLY STOWAGE</b>						
04	<b>A. LATCHES MUST OPERATE WITHOUT BINDING.</b>	FUNCTIONAL					
	<b>B. SHOULDER STRAP AND HOOK ASSEMBLY - PRESENT.</b>	VISUAL					
05	<b>BOOM ASSEMBLY.</b>						
	<b>A. ANGLE INDICATOR - FREE TO MOVE</b>	VISUAL					
	<b>B. RING AND PINION GEAR LUBRICATED</b>	VISUAL					
	<b>C. TRAVEL PIN INSTALLED</b>	VISUAL					
	<b>D. BOOM MARKINGS - LEGIBLE.</b>	VISUAL					
06	MTV CRANE (SEE A 4 4 A 4 4 5)						

# FINAL INSPECTION RECORD, FMTV A1, MTV CRANE

ITEM NO.	CHARACTERISTIC	INSPECTION METHOD	ACC.	REJ.	N/A	RE-CHECK	GOVT QAR
06	<b>A. THE MATERIAL HANDLING EQUIPMENT [MHE] SHALL BE OPERATED USING ALL CONTROLS, INCLUDING THE REMOTE CONTROL. THE CRANE SHALL BE OPERATED FOR A MINIMUM OF 10 CYCLES. THE SYSTEM SHALL BE CHECKED FOR LEAKS, CHAFING AND PROPER OPERATION OF THE CONTROLS. ONE CYCLE FOR THIS TEST IS DEFINED AS RAISING AND LOWERING A 2,500 LB. WEIGHT AT THREE DIFFERENT POINTS DURING A COMPLETE TRAVERSE OF THE CRANE. THE WEIGHT SHALL BE RAISED 5 FEET FROM THE GROUND DURING EACH LIFT WITHOUT TOUCHING ANY PART OF</b>	VISUAL & FUNCTIONAL					
	<p style="text-align: center;"><b><u>CRANE - One Cycle</u></b></p> <p style="text-align: center;"><b>Front of Cargo Bed</b></p> 						
	<b>STABILIZING SYSTEM [REF.A.4.4.2]</b> <b>B. THE CRANE SHALL BE CHECKED FOR FOLDING INTO THE STOWED POSITION. THE CABLE SHALL DISTRIBUTE THE CABLE EVENLY AND TIGHTLY OVER THE WIDTH OF THE SPOOL WHILE WINCHING IN AND OUT.</b>	VISUAL & FUNCTIONAL					
	<b>A. THE OUTRIGGERS SHALL BE CHECKED FOR OPERATION AND LOCATION. THE SAFETY SWITCH SHALL BE CHECKED WHICH PRECLUDES USE OF THE CRANE UNLESS THE OUTRIGGERS ARE IN PLACE.</b>	VISUAL & FUNCTIONAL					

## DEFICIENCY SHEET

END ITEM NOMENCLATURE			INSP DATE:	
ITEM NO.	DESCRIPTION OF DEFICIENCY	INSP INIT	CORRECTIVE ACTION TAKEN	INSP INIT

ENCLOSURE 1